

## STIC Search Report Biotech-Chem Library

#### STIC Database Tracking Number: 1523 6

TO: Ulrike Winkler

Location: REM-3A39&3C18

Art Unit: 1648

Monday, August 22, 2005

Case Serial Number: 09/303510

From: Edward Hart

**Location: Biotech-Chem Library** 

**REM-1A55** 

Phone: 571-272-2512

edward.hart@uspto.gov

#### Search Notes

Examiner Winkler,

Here are the results of the search you requested.

Please feel free to contact me if you have any questions.

**Edward Hart** 

Markoto Sixon Sono Sixon Si



#### STIC-Biotech/ChemLib

From:

Sent:

Winkler, Ulrike Friday, August 12, 2005 12:08 PM STIC-Biotech/ChemLib

To:

STIC,

Please search the interference files for SEQ ID NO 5 and 6 of 09/303510.

Thanks, Ulrike

Ulrike Winkler, Ph.D. Patent Examiner, Art Unit 1648 Remsen 3A39 / Mail Box 3C18 tel. 571-272-0912 fax. 571-273-0912

STAFF USE ONLY
Gearcher:  Gearcher Phone: 2- Date Searcher Picked up: Sulfactorial Control of the Control of th
Online Time:

Type	of Search
NA#:	AA#:
Interférence:	SPDI:
S/L:	Oligomer:
Encode/Tran	sl:
Structure#:	Text:
Inventor:	Litigation:

Vendors and cost where applicable STN:\_ DIALOG: QUESTEL/ORBIT: LEXIS/NEXIS: SEQUENCE SYSTEM: www/Internet: Other(Specify):\_



# STIC SEARCH RESULTS FEEDBACK FORM

#### Biotech-Chem Library

Questions about the scope or the results of the search? Contact the searcher or contact:

Mary Hale, Information Branch Supervisor Remsen Bldg. 01 D86 571-272-2507

Vo	luntary Results Feedback Form
· >	I am an examiner in Workgroup: Example: 1610
×	Relevant prior art found, search results used as follows:
	102 rejection
	☐ 103 rejection
	☐ Cited as being of interest.
	Helped examiner better understand the invention.
	Helped examiner better understand the state of the art in their technology.
	Types of relevant prior art found:
	Foreign Patent(s)
	Non-Patent Literature (journal articles, conference proceedings, new product announcements etc.)
>	Relevant prior art not found:
	Results verified the lack of relevant prior art (helped determine patentability).
٠.	Results were not useful in determining patentability or understanding the invention.
Co	mments:

Plop off or sand completed forms to Sill (Blocch-Chem Library Remsen Bldg



us-09-303-510-6.rai

09/208 040 - plus instant claims do 150/ compat This sayare is identical to Segtors of

APPLICANT: Freeman, Gordon J.
APPLICANT: Nadler, Lee M.
APPLICANT: Nadler, Lee M.
APPLICANT: Oray, Gary
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MUMBER OF BEQUENCES: 8
CORRESPONDENCES ADDRESS: ADDRESSES: LAHIVE & COCKPIELD
ADDRESSES: LAHIVE & COCKPIELD
GTREET: 60 State Street, Suite 510 a sequence Idutifies COMPUTER REALINE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC comparatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,104
FILING DATE: PRIOR APPLICATION DATA:
APPLICATION NUMBER: 06/101,624;
PILING DATE: 26-JUL-1993;
APPLICATION NUMBER: 06/109,393;
APPLICATION NUMBER: 19-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: MAINTAGENTATION:
REGISTRATION NUMBER: 36,207
RESTRENCE/COCKET NUMBER: RPI-008
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION: 5.08-456-104-2 Sequence 2, Application US/08456104 Searent No. 2561310 GENERAL INPORMATION: TELBFAX: (617) 227-5941 INPORMATION FOR SEQ ID NO: 3 SEQUENCE CHARACTERIFFICS: LENGTH: 329 amino acids : 329 amino acida amino acid 3Y: linear Boston 3: Massachusetts TRY: USA MOLECULE TYPE: protein US-08-456-104-2 CLASSIFICATION: 424 TOPOLOGY: CITY: BOB STATE: MB COUNTRY: HEROLD 5

Gequence 11132, Application US/09949016

Gequence 11132, Application US/09949016

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYNORPHISMS IN KNOWN GENES AGSOCIATED

TITLE OF INVENTION: POLYNORPHISMS IN KNOWN GENES AGSOCIATED

TITLE OF INVENTION: WITH HUMAN DIBEASE, METHODS OF DETECTION AND USES THEREOF

FILER REPERBRCE: CLOO1307;

CURRENT APPLICATION NUMBER: US/09/94,016

CURRENT FILING DATE: 2000-10-20

FRIOR PILING DATE: 2000-10-03

FRIOR FILING DATE: 2000-10-03

FRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 11132

LENGTH: 372

HVPERSDEAQC-VNILKTASGDKN 328 300 H--ERSDBAQCDVNILKTASDDNS 321

188 MKKSONNVTELYNVSISLPPSVPBAHNVSVPCALKLETLEMILI-SLPPNIDAQPKDKDPB 246

SSDLSVLANPSOPEITVTSNRTENSGIIMLTCSSIQGYPEPKEMYFQLATENSTTKYDTV 187

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BIPRGKENPONVHLKYKGRISPDKONWILRLHNVOIKDKGTYHCPIHYKGPKGLVPVHQM 127

Gapa Query Match
S2.0%; Score 903; DB 2; Length 32
Best Local Similarity 58.5%; Pred. No. 2.1e-83;
Matches 190; Conservative 44; Mismatches 83; Indels

44 GICDSTMGLBNILFVMAPILISGAAPLKIQAYFWETADLPCQPANSQNQSLSBLVVFWQDQ 103

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2 GICDSTWGLSHTLLVWALLLISGVSBWKSQAYFNKTGRLPCHFTNSQNISLDBLVQ/FWQDQ 61

Query Match Best Local Similarity 59.1%; Pred. No. 2.96-86; Matches 195; Conservative 44; Mismatches 83; Indels

ORGANISM: Human US-09-949-016-11132

8, Gaps

122 VPMHQMSSDLSVLANPSQPRITVTSNRTENSGINLTCSSIQGYPEPKEMYFQLATENST 181

62 DKLAVLYBIFRGKBNPQNVHLKYKGRTSFDKDNWTLRLHNVQIKDKGTYHCFIHYKGPKGL 121

164 IRIHQMUSELSVLANFSQPRIVPISHITENV-YIMJCSSIHGYPEPKKMSVLATKNST

ठ 셤 300 NERVPYHVPERSDEACCY-NILKTASGDKN 328 KKREKIHIPERBDEAQRVFKSSKTSSCDXS 368

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246 BQGHFLMIAAVLVMPVVPCGHVSFKTLRK-RKKKPGPSHBCBTIKRERKBSKGTMRRVP 304 242 PPDHIPWITAVLPT-VIICVMVPCLILMKMKKKKRPRNSVKCSTNTMRRESEGGTKKRRK 300 ద 셤 윱 용 à ઠે ሯ 셤 ò કે

305 YHVPERSDEAQCV-NILKTASGDKN 328

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. /cgn2_6/ptodata1/ina/6A_COWB.seq:*
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. /cgn2_6/ptodata1/ina/PcTUS_COWB.seq:*
. /cgn2_6/ptodata1/ina/backfiles1.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-941-016-526
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US-08-205-697A-24
US-08-205-697A-34
US-09-039-982A-33
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Maximum Match 1008
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Sequence

US-09-837-867A-

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RESULT 1
US-09-303-040-5
i Gequence 5, Application US/09303040
i Factor No. 6555671
i GENERAL INFORMATION:
i APPLICANT: Cochran, Mark D.
i APPLICANT: Cochran, Mark D.
i TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
i TITLE OF INVENTION: Peline Interferon-gama And Uses Thereof
i TITLE OF INVENTION: Peline Interferon-gama And Uses Thereof
i TITLE OF INVENTION: Peline INTERFERON: $495-04
i TITLE OF INVENTION: Peline INTERFERON: $400 interferon-gama And Uses Thereof
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i TITLE OF INVENTION: $400 interferon-gama And Uses Thereof
i SARLIER PILING DATE: 1998-05-01
i NUMBER OF SEQ ID NOS: 82
i SEQ ID NO 5
i ERNGTH: 1080
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241 ACCAGGATAAGCTGGTTCTGTATGAGATATTCAGAGGGAAAGAGAACCCTCAAAATGTTC
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US-09-039-762A-34
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100.0%; Score 1080;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1080; Conservative 0; Mismatches
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) NAME/KEY: CDS
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9) ATTICHARITANIAGGEOGRICAAGGITTGACACAACTACAACCAACAACCAACAACCACAACCAAC	APPLICANT: Wichers, Timothy A.  TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the TITLE OF INVENTION: Oligonucleotide Compositions of B7 Protein FITLE OF INVENTION: Medulation of the Expression of B7 Protein; FILE REPRENCE: ISPH-0376; CURRENT APPLICATION NUMBER: US/09/326,186B; CURRENT PILING DATE: 1999-06-04; PRIOR PILING DATE: 1999-06-04; PRIOR PILING DATE: 1996-12-31; NUMBER OF SEQ ID NOS: 226; SOFTWARE: Patentin Ver. 2.0; SEQ ID NO 226; LENGTH: 1424; TYPE: DATA ORGANISM: Homo sapien

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950 AGCGGCCTCGCAACTCTTATAAATGTGGAACCAACACAATGGAGAGGGAAGAGGAGGGAAC 1009
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659 ATTCAACTATCGAGTATGATGGTATTATGCAGAAATCTCAAGATAATGTCACAGAACTGT 718
                                                                                                  715 TITGTGCCCTGAAACTGGAGACACTGGAAATGCTGCTCTCCCTACCTTTCAATATAGATG 774
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                                                      835 TAATGTTGTTGTTTTTGTGGGATGGTGTCCTTTAAAACACTAAGGAAAAGGAAGAAGA
                                658 ACAACGTTTCTATCAGCTTGCCTTTTTCAGTCCCTGAAG---CACACAATGTGAGGGTCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application PC/TUS9409642

GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Purified Mammallan CTLA-4 Binding
TITLE OF INVENTION: Protein and Related Reagents
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESSE: Scharing-Plough Corporation, M-3-W
STREET: One Giralda Parms
                                                                                                                                                                                                                                                                                                                                                                                                                                                    1012 TTAACATTTGAAGACACCTCAGGGGACAAAATCA 1048
1070 TTAAAAGTTCGAAGACATCTTCATGCGACAAAGTGA 1106
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ZIP: 07940-1000
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh IIci
OPERATING SYSTEM: System Software 7.1
SOFTWARE: Microsoft Word 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION NUMBER: US 08/120,606
FILING DATE: 13-5EP-1993
FRIOR APPLICATION NUMBER: US 08/116,882
FILING DATE: 03-5EP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Blasdals, John H. C.
REGISTRATION NUMBER: 31,895
REGISTRATION NUMBER: DX0390X1
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFHONE: 201-822-7398
TELEFAX: 201-822-7039
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
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STATE: New Jersey
COUNTRY: USA
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PCT-US94-09642-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 75.9%; Pred. No. 2.3e-178;
Matches 802; Conservative 0; Mismatches 234; Indels 21; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GTTTCTGTGTTCCTCGGGAATGTCACTGAGCTTATACATCTCGGTCTCTG---GGAGCTGC
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                                    1070 TTAAAAGTTCGAAGACATCTTCATGCGACAAAAGTGA 1106
                                                                                                                      Sequence 21, Application US/0941411 Parent No. 6734172 GENERAL INFORMATION APPLICANT: Scholler, Nathalie B. APPLICANT: Dieis, Mary L.
                                                                                                                                                                                                                                                                                                                                                                                                    1 TYPE: DNA ORGANISM: Homo sapiens US-09-441-411-21
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us-09-303-510-5.rn1

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TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF FILE REFERENCE: CLOOL307
FILE REFERENCE: CL
                                                              1014 AGACCAAGAAAAGAGAAAAAATCCATATACCTGAAAGATCTGATGAAGCCCAGCGTGTT 1073
                                        955 AGACCAACGAAAGAGTACCATACCACGTACCTGAGAGATCTGATGAAGCCCAGTGTG--- 1011
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                                                                                                       1012 TTAACATTTTAGAGACACCCTCAGGGGACAAAAATCA 1048
1074 TTAAAAGTTCGAAGACATCTTCATGCCACAAAAGTGA 1110
                                                                                                                                                                                                                                ; Sequence 5261, Application US/09949016
; Patent No. 6812339
; GENRRAL INFORMATION:
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US-09-949-016-5261
                                                                                                                                                                                                   RESULT 5
US-09-949-016-5261
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                                                                                                                                                             21, Gaps
                                                                                                                            Length 1428;
                                                                                                                          53.8%; Score 580.6; DB 5; Length 1 llarity 75.9%; Pred. No. 2.3e-178; Conservative 0; Mismatches 234; Indels
                                                      CDS
152..1123
TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                            Query Match
Best Local Similarity
Matches 802; Conserv
                                                    NAME/KEY:
LOCATION:
PCT-US94-09642-1
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                                                                                                                                                                                                                                       Query Match 51.2%; Score 552.6; DB 3; Best Local Similarity 74.6%; Pred. No. 2.78-169; Matches 802; Conservative 0; Mismatches 234;
                       24:
 TELEPAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 1161 base pairs
                                                                       TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
                                                                                                                                                               ; NAME/KEY: CDS
; LOCATION: 148..1134
US-08-205-697A-24
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Patent No. 6218510
GENERAL INPORMATION:
APPLICANT: Sharpe, Arlene H.
APPLICANT: Branch, Gordon J.
APPLICANT: Nedler, Lee M.
APPLICANT: Nedler, steeming to Therefor NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE LAHIVE & COCKFIELD
STREET: COSTATE STREET: Sed State Street, suite 510
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                                                                                                                                                                                                 GCTCATCTATACAAGGTTACCCAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAGA 597
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                                                                                           599 GCTCATCTATACACGGTTACCCAGAACCTAAGAAGATGAGTGTTTTGCTAAGAACCAAGA 658
                                                                                                                                                                                                                                                                                                                                              CACAACCTAAGGATAAAGACCCTGAACAAGGCCACTTCCTCCTCTGGATTGCGGCTGTACTTG 834
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                                                                                                                             ATTCAACTACTAAGTATGATACTGTCATGAAAATCTCAAAATAATGTGACAGAACTGT
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: 1BM PC compatible

COMPUTER: 1BM PC compatible

COPRARE: ASCII Text

CURRENT APPLICATION NATA:

APPLICATION NUMBER: US/08/205,697A

PILING DATE: 02-MAT-1994

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Mandragouras, Amy B.
REGISTRATION NUMBER: 36,207
REPERENCE/DOCKET NUMBER: BMI-120
TELECOMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Boston
STATE: Massachusetts
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US-08-205-697A-24
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                                                   242 TCAATGAGACTGCAGACTGCCATGCCAATTTGCAAACTCTCAAAACCAAAGCCTGAGTG
                                                                                                                                                                                                                                                                                                                                                                                       160 TCAACAAGACTGGAAACTGCCATTTTTACAAACTCTCAAAACATAAGCCTGGATG
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                                                                                                                                                                                                                                                                                               220 AGCTGGTAGTATTTTGGCAGGACCAGGATAAGCTGGTTCTGTATGAGATATTCAGAGGCA
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                                                                                                                 100 CTCTCCTTGTGATGGCCCTCCTGCTC
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US-09-837-867A-24
; Sequence 24, Application US/09837867A
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                                                                                                                      950 GGAAATGGAAGAAGAAGAAGGGGCCTCGCAACTCTTATAAATGTGGAACCAACAACAATGG 1009
                                                                                                                                                                                                             936
                              937 AGAGAAAAGAGCAAACAGACCAAACGAAAGAGTACCATACCACGTACCTGAGAGATCTG 996
GGATTGCGGCTGTACTTGTATGTTTTTTTTTTTGTGGGATGGTGCCTTTAAAACAC 876
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                                                                                    977 TAAGGAAAAGGAAGAAGAAGCAGCCTGCCCCCTCTCATGAATGTGAAACCATCAAAAGGG
                                                                                                                                                                                                                                                                           997 ATGAAGCCCAGTGTG---TTAACATTTTGAAGACAGCCTCAGGGGACAAAATCA 1048
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| Batent No. 6294660
| GENERAL INFORMATION:
| APPLICANT: Bharpe, Sharpe
| APPLICANT: Borriello, Francescopaclo
| APPLICANT: Borriello, Francescopaclo
| APPLICANT: Wadler, Lee
| TITLE OF INVENTION: No. 6294660el Forms of T Cell Costimulatory
| TITLE OF INVENTION: No. 6294660el Forms of T Cell Costimulatory
| TITLE OF INVENTION: No. 6294660el Forms of T Cell Costimulatory
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| TITLE OF INVENTION: No. 6294660el Forms of T Cell
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Pred. No. 2.7e-169;
0; Mismatches 234;
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APPLICATION NUMBER: US 08/205,697
PILING DATE: 02-Mar-1994
ATTORNEY/AGENT INFORMATION:
NAME: MANATEMOULES, AMP E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: BMI-120CPUS
TELECOMPUNICATION INFORMATION:
TELEFAR: (617)227-7400
ITELEFAR: (617)227-7400
SEQUENCE CHARACTERISTICS:
LENGTH: 1161 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANBEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY TO 2109-1875
COMPUTER READBLE FORM:
HEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPACTIBLE
COMPUTER: IBM PC COMPACTIBLE
COMPATING SYSTEM: PC-DOS/M3-DOS
SOFTWARE: ASCII TEXT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,525
FILING DATE:
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Best Local Similarity 74.64;
Matches 802; Conservative (
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1 LOCATION:
US-08-702-525-24
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937 AGAGAAAAGAGGAAACAGACCAACGAAAGAGTACCATACCACGTACCTGAGAGATCTG 996
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                                                                                                                                                                                                    779 caaccaárardaccarcricrerarreresaacreaca---adacecederrrarerr
                                                                                                                                                                                                                                                                                  757 TACCTITICAATATAGATGCACAACCTAAGGATAAAGACCCTGAAGAGGCCACTICCTCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             997 ATGAAGCCCAGTGTG---TTAACATTTTGAAGACAGCCTCAGGGGACAAAATCA 1048
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GENERAL INFORMATION:
APPLICANT:
APPLIC
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REGISTATION UNDRER: 36,207
REFERENCE/DOCKET UNDRER: BMI-120CPPC
TELEPHONE: (617)227-7400
TELEPHONE: (617)227-7401
INPORATION POR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 1161 base pairs
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STREET: 60 State Street, suite 510
CITY: BAGGEOR STREET, suite 510
CITY: BAGGEOR STREET, suite 510
COUNTY: 020
COMPUTER: MAGGEOR STREET
COMPUTER READABLE FORM:
MEDIUM TYPE: PAOPY disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII TEXT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02576
FILING DATE: US 08/205,697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; NAMB/KEY: CDB
; LOCATION: 148..1134
PCT-US95-02576-24
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STRANDEDNESS: doubl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          242 TCAATGAGACTGCAGACCTGCCATGCCAATTGCAAACTCTCAAAACCAAAGCCTGAGTG 301
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                460 IGCTIGCTAACTICAGICAACCIGAAATAACAGTAACTICTAATAGAACAGAAAATICTG 519
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Pred. No. 2.7e-169;
0; Mismatches 234; Indels 39;
                                                                                                                                               APPLICANT: Content, Gordon J. APPLICANT: Natler, Lee M. TITLE OF INVENTION: No. 6608180el Porms of T Cell Costimulatory TITLE OF INVENTION: No. 6608180el Porms of T Cell Costimulatory TITLE OF INVENTION: Molecules and Uses Therefor CURRENT APPLICATION WHERE: US/09/837,867A CURRENT PILING DATE: 2001-04-17 PRIOR APPLICATION NUMBER: 08/205,697 PRIOR FILING DATE: 1994-03-02 SOFTWARE: Fastere (Full Content of Manager of SEQ ID NOS: 42 SEQ ID NOS: 43 SEQ ID 
Patent No. 6608180
GENERAL INFORMATION:
PEPLICANT: Sharpe, Allene H.
APPLICANT: Borriello, Francescopaulo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 74.64;
Matches 802, Conservative
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; LOCATION: (148)...(1134)
US-09-837-867A-24
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 1161
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APPLICANT: Gai, Zeling
APPLICANT: Spreat, Jonathan
APPLICANT: Spreat, Jonathan
APPLICANT: Brumark, Anders
APPLICANT: Brumark, Michael
APPLICANT: Breen, Per A
APPLICANT: Peterson, Per A
APPLICANT: Olson & Hierl, Ltd.
STRBET: 20 No. 6225042th Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
CONTRY: USA
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  1070 ATGAAGCCCAGCTGTTTTTAAAAGTTCGAAGACATCTTCATGCGACAAAAAGTGA 1124
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COMPUTER READABLE FORM:
MEDIUM TYPER: Floppy disk
COMPUTER: TAM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 16-MAR-1998
CLASSIPTCATION: 435
ATTONHEY/AGRNT INFORMATION:
NAME: Olson, Arme M.
REGISTRATION NUMBER: 30,203
REFERENCE/DOCKET NUMBER: 30,203
REGISTRATION NUMBER: 30,203
REGIST
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                                                                                            RESULT 10
US-09-039-982A-33
Sequence 33, Application US/09039982A
Patent No. 6225042
GENERAL INFORMATION:
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US-09-039-982A-33
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                                                   39,
       Length 1161
Query Match 51.2%; Score 552.6; DB 5; Length Best Local Similarity 74.6%; Pred. No. 2.7e-169; Matches 802; Conservative 0, Mismatches 234; Indels
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49.4%; Score 533.2; DB 3; Length 10
Best Local Similarity 75.3%; Pred. No. 5.38-163;
Matches 735; Conservative 0; Mismatches 223; Indels
OPERATING SYSTEM: PC-DOS/MS-DOS
GOTWARE: Patentin Release #1.0, Version #1.25
GURBENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/039,641
FILING DATE: 8-MAR-1995
CLASSITICATION: 8-MAR-1995
CLASSITICATION: 108/09/039,641
ATTORNEY/AGENT INFORMATION:
NAME: 01000, ATTOR
REDISTRATION NUMBER: 30,203
REPERENCE/DOCKET NUMBER: TSR14710
TELECOMONICATION INFORMATION:
TELECOMONICATION INFORMATION:
TELECOMONICATION INFORMATION:
TELECOMONICATION INFORMATION:
TELECOMONICATION INFORMATION:
TELEFAX: (312) 580-1189
INPORMATION POR EGO ID NO: 33:
ENGURNE CHARACTERISTICS:
LENGTH: 1002 base pairs
TYPE: nucleic acid
STRANNEDNESS: double
STRANNEDNESS: double
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Sequence 33. Application US/09039641

Patent No. 6251627

GENERAL INFORMATION:
APPLICANT: Sprent, Jonathan
APPLICANT: Sprent, Jonathan
APPLICANT: Brunnark, Anders
APPLICANT: Peterson, Per A

TITLE OF INVENTION: ANTIGEN PRESENTING SYSTEM AND METHODS FOR
TITLE OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:
ADDRESSEE: Olson & Hierl, Ltd.
STREET: 20 No. 6251627th Wacker Drive, Suite 3000

CITY: Chicago
STATE: Illinia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 60606
COMPUTER READBLE FORM:
MBDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMpatible
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                                    gcactatoggactoactactcrccrtgtaatogcccrccrccrccrograttrerr
                                                                                                  CCATGAAGAGCATCAAGCATATTTCAACAAGACTGGAGAACTGCCATGCCATTTTACAAACT
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                                                                    CTCCCCCAGACCACATTCCTTGGATTACAGCTGTACTTCCAACAGTTATTATATGTGTGA
                                                 976 ACCACGTACCTGAGAGTCTGATGAAGCCCCAGTGT---TTAACATTTTGAAGACAGCCT
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Patent No. 6255073
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cal., Zeling
APPLICANT: Brunmark, Anders
APPLICANT: Brunmark, Anders
APPLICANT: Brunmark, Anders
APPLICANT: Peterson, Per A.
TITLE OP INVENTION: POR ACTIVATION OF T-CELLS
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESSES:
ADDRESSEE: 0180n & Haarl, Ltd.
STREET: 20 No. 6255073th Wacker Drive, 36th Floor
CITY Chicago
STATE: Illings
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 533.2; DB 3; Length 1002;
Pred. No. 5.3e-163;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY READABLE FORM:

COUNTRY READABLE FORM:

MEDIUM TYPE: FLOPPY disk
COMPUTER: PLOPPY disk
COMPUTER: TEM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: TEM PC compatible
SOFTWARE: PATCHINE PC-DOS/MS-DOS
SOFTWARE: PATCHINE PC-DOS/MS-DOS
SOFTWARE: DAS LICATION NUMBER: US/09/039,762A
FILICATION NUMBER: US/09/039,762A
FILICATION NUMBER: 30,03
FRETERENCE/DOCKET NUMBER: TSRI 471.0 DIV.2
TELEPHONE: (312) 580-1180
                                                                                                                                                                                                                                                                                                    1033 CAGGGGACAAAATCA 1048
                                                                                                                                                                                                                                                                                                                                    CATGCGACAAAAGTGA 983
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HYPOTHETICAL: NO
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                               RESULT 12
US-09-039-762A-33
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976 ACCACGTACCTGAGAATCTGATGAAGCCCAGTGTG---TTAACATTTTGAAGACAGCCT 1032
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       728 CTCCCCCAGACCACATTCCTTGGATTACAGCTGTACTTCCAACAGTTATTATATGTGTGA 787
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                                                                       380 AGATGAATTCTGAACTGTCAGTGCTTGCTAACTTCAGTCAACTGAAATAGTACCAATTT
                                                                                                                                                                                                     CAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAGAATTCAACTACTAAGTATGATA
                                                                                                                    CTAATAGAACAGAAAATTCTGGCATCATAAATTTGACCTGCTCATCTATACAAGGTTACC
                                                                                                                                                                                                                                                                                      619 CTGTCATGAAGAAATCTCAAAATAATGTGACAGAACTGTACAACGTTTCTATCAGCTTGC
                                                                                                                                                                                                                                                                                                                        557 GTATTATGCAGAAATCTCAAGATAATGTCACAGAACTGTACGACGTTTCCATCACGCTTGT
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURREY APPLICATION DATA:
APPLICATION NUMBER: US/08/913,612A
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                                                                                                                                                                                METHODS
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COMPUTER READABLE FORM:

MEDIUM TYPE Ploppy disk
COMPUTER: IBM PC compatible
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/09/042,492D
FILING DATE: IC-Mar-1998
CLASSIFICATION **CURROWA-
NAME: CEPUTIGN: TAIN-VAIGE
REGISTRATION NUMBER: 471.0 DIV.3
TELEPHONE: (312) 580-1189
INPORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 1002 base pairs
TYPE: nucleic acid
STRANDENESS: double
TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-042-492D-33
US-09-042-492D-30-042-492D-30-042-492D-30-042-492D-30-042-492D-30-042-4
                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSER: Olson & Hierl, Ltd.
STREET: 20 No. 6362001th Wacker Drive, 36th Floor CTTY: Chicago
STATE: 1111no1s
Sequence 33, Application US/09042492D
Patent No. 6362001
GENERAL INFORMATION:
APPLICANT: Cai, Zeling
Sprent, Jonathan
Sprent, Jonathan
Brummark, Anders
Jackson, Michael
Paterson, Per A.
TITLE OF INVENTION: ANTIGEN PRESENTING SYSTEM AND INVENTION OF SEQUENCES: 59
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976 ACCACGTACCTGAGAGATCTGATGAAGCCCAGTGT6---TTAACATTTTGAAGACAGCCT 1032
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CTCCCCCAGACCACATTCCTTGGATTACAGCTGTACTTCCAACAGTTATTATATGTGTGA 787
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                                                                                                                                                               916 AATGTGAAACCATCAAAAGGGAGAGAAAAGAGGGCAAACAGACCAACGAAGGAGTACCAT 975
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                                                                                                  788 TGCTTTTCTGTCTAATTCTATGGAATTGGAAGAAGAAGAAGAGCGCCCTCGCAACTCTTATA
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                                                                      856 GGATGTCCTTTAAAACACTAAGGAAAAGAAGAAGAAGAAGCAGCCTGGCCCTCTCATG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:

APPLICANT: SPRENT, JORATHAN

APPLICANT: BRUNNART, JORATHAN

APPLICANT: BRUNNART, JORATHAN

APPLICANT: BRUNNART, JORATHAN

APPLICANT: LINTEMGUNG, Alain

APPLICANT: LINTEMICON: Alain

APPLICANT: MORLARTY, Ann M.

TITLE OF INVENTION: POR ACTIVATION OF T-CELLS

TITLE OF INVENTION: POR ACTIVATION OF T-CELLS

TITLE OF INVENTION: POR ACTIVATION OF T-CELLS

FILE REFERENCE: TSR: 471.1 Dbv. 1

CURRENT APPLICATION NUMBER: US 08/913,612

PRIOR PILING DATE: 1997-09-08

PRIOR PILING DATE: 1995-03-08

PRIOR PILING DATE: 1995-03-08

PRIOR APPLICATION NUMBER: US 08/400,338

PRIOR PILING DATE: 1995-03-08

PRIOR APPLICATION NUMBER: US 08/400,338

PRIOR PILING DATE: 1995-03-08

NUMBER OF SEQ. ID NOS: 65

SOFTWARR: PSECO FOR WINDOWS VETBION 4.0

SEQ. ID NO 33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 33, Application US/10266463A
Patent No. 6828150
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   1033 CAGGGGACAAAATCA 1048
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo Sapiens
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US-10-266-463A-33
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US-10-266-463A-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CCATGAAGAGTCAAGCATATTTCAACAAGACTGGAGAACTGCCATGCCATTTTACAAACT 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CTCTGAAGATTGAAGCTTATTGAATGAGACTGCAAGACCTGCCATGCCAAGTTGCAAACT 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              140 CTCAAAACCAAAGCCTGAGTGAGCTAGTAGTATTTTGGCAGGAGGACAGAAAACTTGGTTC 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        259
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    320 AGGGCTTGTATCATGTATCATCATCACAAAAAGCCCACAGGAATGATTCGCATCCACC 379
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Pred. No. 5.3e-163;
0; Mismatches 223; Indels
            CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: COPUTICE, Talicaldis
REGISTRATION NUMBER: 20,818
REGISTRATION NUMBER: 471.1 US
TELEPHONE: (112) 580-1180
TELEPRAX: (11002 base pairs
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 75.3%;
Matches 735; Conservative (
  DATE: 08-SEP-1997
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Search completed: August 20, 2005, 06:30:19 Job time : 227 sece Sequence Sequence Sequence

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APPLICANT: CALLIANS
APPLICANT: Hash, Stephen M.
APPLICANT: CALLIANS
TITLE OF INVENTION: Feline CD80, Feline CD28, and Feline
TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
CURRENT APPLICATION NUMBER: US/09/303,510A
CURRENT FILING DATE: 1999-04-30
EARLIER PRILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 83
SOFTWARE PRECENT Ver. 2.1
SEQ ID NO S.
9 US-10-790-396-6

9 US-10-790-396-6

9 US-10-790-396-19

9 US-10-790-396-19

9 US-10-790-396-19

9 US-10-790-396-19

108-10-790-396-18

108-10-790-396-18

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108-10-790-396-18

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108-10-70-762-130

108-10-762-136-130

108-10-762-128-21

108-10-843-641A-1413

108-10-843-641A-1413

108-10-843-641A-1015

108-10-843-641A-1015

108-10-843-643A-33

108-10-105-204A-33

108-10-105-204A-33

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA; CRGANISM: Feline
US-09-303-510-5
                                                                                                                                                                                                                                             August 20, 2005, 03:24:47 ; Search time 820 Seconds (without alignments) 8556.917 Million cell updates/sec
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(GGDZ_6/ptodata//pubpna/USO7 PUBCOMB.eeq:*

(GGDZ_6/ptodata//pubpna/PGT_NEW_PUB.seq:*,

(GGDZ_6/ptodata//pubpna/USO6_PUBCOMB.seq:*,

(GGDZ_6/ptodata//pubpna/USO6_PUBCOMB.seq:*,

(GGDZ_6/ptodata//pubpna/USO8_PUBCOMB.seq:*,

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                                GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7316285 seqs, 3248459403 residues
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Query
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Perfect score:
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ALIGNMENTS

Sequence 20, Appl Sequence 16, Appl Sequence 16, Appl Sequence 16, Appl Sequence 316, Appl Sequence 310, Appl Sequence 3136, Appl Sequence 213, Appl Sequence 213, Appl Sequence 31, Appl Sequence 31, Appl Sequence 34, Appl Sequence 34, Appl Sequence 34, Appl Sequence 34, Appl Sequence 31, Appl Sequence 25, Appl Sequence 21, Appl Sequence 31, Appl Sequence 31, Appl Sequence 31, Appl Sequence 31, Appl Sequence 32, Appl Sequence 22, Appl Sequence 32, Appl Sequence 32, Appl Sequence 32, Appl Sequence 22, Appl Sequence 32, Appl Sequen

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1, 0B 9; Length 1080;

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Sequence 5, Appli Sequence 25, Appli Sequence 27, Appl Sequence 27, Appl Sequence 28, Appl Sequence 29, Appli Sequence 9, Appli

US-10-790-396-25 US-10-790-396-27 US-10-790-396-28 US-10-790-396-29 US-10-790-396-9

100.0 100.0 96.4 96.7 90.7

Score

Result

US-09-303-510-5 US-09-303-040-5

Description

; Patent No. US20020051792A1 ; GENERAL INFORMATION: ; APPLICANT: Gochran, Mark D. ; TITLE OF INVENTION: Recembinant Virus Expressing Foreign DNA Encoding ; TITLE OF INVENTION: Peline CD80, Feline CD86, Peline CD28, Feline CTLA-4 or ; TITLE OF INVENTION: Peline Interferon-gama And Uses Thereof ; FILE REFERENCE: 54957-B ; CURRENT PILING DATE: 1999-4.30 ; EARLIER APPLICATION NUMBER: 60/083,870 ; EARLIER PILING DATE: 1998-05-01	NUMBER OF SEQ ID NOS: 82    SOFTWARE: Patentin Ver. 2.0   SEQ ID NO 5   LENGTH: 1080	TYPE DNA ) ORGANISM: feline CD86 ; RANTURE: ; NAME/KRY: CD56	100.04;	Best Local Similarity 100.0%; Pred. No. 1.68-308; Matches 1080; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Qy 1 GTTTCTGGGAATGTCACTGAGCTTATACATCTGGTCTGG	Db 1 GTTTCTGTGCTCGGGGATGTCACTGAGCTTATACATCTGGTCTCTGGGAGCTGCAGT 60  Qy 61 GGATGGGCATTTGTGACAGCACTATGGGGCTGAGTCACCTCTGTGATGGCCCTCC 120		121 TGCTCTCTGGTGTTTCTTCCATGAGGGTCAAGCATATTTCAACAAGACTGGAGAACTGC	181 CATGCCATTTACAAACTCTCAAAACATAAGCCTGGATGAGCTGGATAGTATTTTGGCAGG 241 ACCAGGATAAGCTGGTTCTGTATGAGATATTCAGAGGCAAAGAGAAACCCTCAAAATTCC	241 ACCAGGATAAGCTGGTTCTGTATGAGATATTCAGAGGCAAAGAGACCCTCAAATGTTC 301 ATCTCAAATATAAGGGCCGTACAAGCTTTGACGAGGACAACTGAGCCCTGAGACCCCACA	301 ATCTCAAATATAAGGCCGTACAAGCTTTGACAAGGACAACTGGACCCTGAGACTCCACA	361 ATGTTCAGATCAAGGACATATCACTGTTTCATTCATTATAAAGGGCCCAAAG	421 GACTAGTTCCCATGCACCAAATGAGTTCTGACCTTATCAGTGCTTGCT	Db CTGAAATAACAGTAACTTCTAATAGAACAGAAAATTCTGGGCATCATAAATTTGACCTGCT 540	QY         541 CATCTATACAAGGTTACCCAGAACCTAAGGAGATGTATTTCAGCTAAACACTGAGAATT 600           DD         541 CATCTATACAAGGTTACCCAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAGAATT 600	Gy 601 CAACTACTAGTATGATACTGTCATGAAGAAATCTCAAAATAATGTGACAGAACTGTACA 660	DD 601 CAACTACTAAGTATGATACTGTCATGAAGAAATCTCAAAATAATGTGACAGAACTGTACA 660	Oy 661 ACGTTTCTATCAGCTTGTTCAGTCCCTGAAGCACACAATGTGAGGGTCTTTTGTG 720
00   01   040   050	OY 241 ACCAGGATAAGCTGGTTCTGTATGAGATATTCAGAGGCAAAGAGAACCCTCAAAATGTTC 300 Db 241 ACCAGGATAAGCTGGTTCTGTATGAGATATTCAGAGGCAAAGAGAACCCTCAAAATGTTC 300	OY 301 ATCTCAANTAIAGGCCGTACAAGCTTTGACAAGGACAACTGGACCCTGAGACTCCACA 360 	OY 361 ATGITCAGATCAAGGGCACATATCACTGITTCATTCATTAAAAGGGCCCAAAG 420	Qy       421 GACTAGTTCCCATGCACAAATGAGTTCTGACCTATCAGTGCTAACTTCAGTCAAC 480         Db       421 GACTAGTTCCCATGCACAAATGAGTTCTGACCTATCAGTGCTTAGTTAACTTCAGTCAAC 480	Qy 481 CTGAAATAACAGTAACTTCTAATAGAACAGAAAATTCTGGCATCATAAATTTGACCTGCT 540	Qy         541         CATCTATACAAGGTTACCCAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAAATT         600           Db         541         CATCTATACAAAGGTTAACCAGAACCTAAAGGAATTTTCAGCTAAACACTAAAATT         600	601 CAACTACTAAGTATGATACTGTCATGAAATTCTCAAAATAATGTGACAGAACTGTACA 601 CAACTACTAAGTATGATACTCTCAAAATCTCAAAATAATAAAAAAAA	661 ACGTTCTATCACTTGCCTTTTCAGTCCTGAAGCACACAATGTGAGCGTCTTTTGTG 		Qy         781         CTAAAGGATAAAGACCCTGAACAAGGCCACTTCCTCGGATTGCGGCTGTACTTGTATGT         840           Dh         783         CTAAAGGATAAAGACCTGAACAAGACCTACTTCCTCTGGATTGCGGTTGTTATGTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTTATGTA	841 TIGITGITTITTIGGGAIGGTGTCCTTTAAAACACTAAGGAAAAGGAAGGAAGGAAGCGGCCAGCCA	901 CTGCCCTCTCATGAATGTGAAACCATCAAAGGAGAGAAAAGAGAAACGAAACGAAACCAAACCAAACAAC	961 ACGARAGASTACCATACCATACCATACCATACACCASCACCATACATA	Db 961 ACGADAGAGTACCATACCACGGGGATCTGATGAGGCCCAGTGTGTTAACATTT 1020 Oy 1021 TGAAGACACCTCAGGGGACAAAAATCAGTAGGAAAAATGGTGGCTTGGCGTGCTGACAAT 1080	1021 TGAAGACAGCCTCAGGGGACAAAAATCAGTAGGAAAAATGGTGGCTTGGCG	RESULT 2	US-09-303-040-5 ; Sequence 5, Application US/09303040

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  CATGCCATTTTACAAACTCTCAAAACATAAGCCTGGATGAGCTGGTAGTATTTTGGCAGG
                  297 CATGCCATTTTACAAACTCTCAAAACATAAGCCTGGATGAGCTGGTAGTATTTTGGCAGG
                                                                357 ACCAGGATAAGCTGGTTCTGTATGAGATATTCAGAGGCAAAGAGAGAACCCTCAAAATGTTC
                                                                                                                                                                                                                                                                        CTGAAATAACAGTAACTTCTAATAGAACAGAAAATTCTGGCATCATAAATTTGACCTGCT
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                                                                                                                   417 ATCTCAAATATAAGGGCCGTACAAGCTTTGACAAGGACAACTGGACCCTGAGACTCCACA
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Publication No. US20040157296A1
GRNERAL INFORMATION:
APPLICANT: Sim, Gek-Kee
APPLICANT: Yang, Shumin
APPLICANT: Sellins, Karen S.
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
FILE REFERENCE: IM-1-C1-PCT
GURRENT APPLICATION NUMBER: US/10/790,396
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US-10-790-396-27/c
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                                                                        CTAAGGATAAAGACCCTGAACAAGGCCACTTCCTCGGATTGCGGCTGTACTTGTAATGT
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                                       1 GTTTCTGTGTTCCTCGGGAATGTCACTGAGCTTATACATCTGGGTCTCTGGGAGCTGCAGT
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                                                                                                                                                                                                                                                                                                                                                              Sequence 25, Application US/10790396

| Sequence 25, Application US/10790396
| Publication No. US20040157296A1
| GENERAL INFORMATION:
| APPLICANT: Sim, Gak-Kae
| TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
| TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
| TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
| TITLE OF INVENTION: NOVER: US/10/790,396
| CURRENT FILING DATE: 2004-03-19
| PRIOR PPLICATION NUMBER: US/10/780,765
| PRIOR PPLICATION NUMBER: 09/064,561
| PRIOR PPLICATION NUMBER: 09/064,597
| PRIOR PPLING DATE: 1998-03-19
| PRIOR PPLING DATE: 1998-03-19
| PRIOR PPLING DATE: 1998-04-17
| NUMBER OF SEQ ID NOS: 65
| SOFTWARE: Patentin Ver. 2.0
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; LOCATION: (179)..(1174)
US-10-790-396-25
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ORGANISM: Pelis catus
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1874 TIGTTGTTTTTTGTGGGATGGTGCTCTTTAAAACACTAAGGAAAAGGAAGAAGAAGAAGAGGGG
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90.7%; Score 979.2; DB 19; Length 996;
Best Local Similarity 99.7%; Pred, No. 1.1e-278;
Matches 981; Conservative 0; Mismatches 3; Indels 0;
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US-10-790-396-28

Sequence 28, Application US/10790396

Publication No. US20040157296A1

Sequence 28, Application US/10790396

Publication No. US20040157296A1

Sequence 28, Application No. US20040157296A1

APPLICANT: Said Shumin

APPLICANT: Said No. Shumin

APPLICANT: Said No. Shumin

APPLICANT: Said No. ACID MOLECULES, AND USES THEREOF

TITLE OF INVENTION: NOWEL FORMS OF T CELL COSTIMULATORY PR

TITLE OF INVENTION: NOWER: US/10/790,396

CURRENT APPLICATION NUMBER: US/10/790,396

CURRENT APPLICATION NUMBER: 2000-03-01

PRIOR PRILING DATE: 1998-03-01

PRIOR PRELICATION NUMBER: 09/062,597

PRIOR PLILNG DATE: 1998-03-19

SOFTWARE PRECENTION NUMBER: 09/062,597

PRIOR PLILNG DATE: 1998-03-19

SEQ ID NOS: 65

SEQ ID NOS: 65

LENGTH 896
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CURRENT FILING DATE: 2004-03-01
PRIOR APPLICATION NUMBER: US/09/646,561
PRIOR FILING DATE: 2000-09-19
PRIOR FILING DATE: 1998-03-19
PRIOR FILING DATE: 1998-03-19
PRIOR PRILING DATE: 1998-04-17
PRIOR PRILING DATE: 1998-04-17
NUMBER OF SEQ ID NOS: 65
SOFTWARE PARENTIN VOT: 2.0
SEQ ID NO 27
LENGTH: 2830
                                                                                                                                               TYPE: DNA
; ORGANISM: Felis catus
US-10-790-396-27
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63 ATGGGGATTTGTGACAGCACTATGGGACTGAGTCACACTCTCCTTCTTGTGATGGCCCTCCTG
                                                            183 TGCCATTTTACAAACTCTCAAAACATAAGCCTGGATGAGCTGGTAGTATTTTGGCAGGAC
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  Length 996;
               3; Indels
Query Match
90.7%; Score 979.2; DB 19;
Best Local Similarity 99.7%; Pred. No. 1.1e-278;
Matches 981; Conservative 0; Mismatches 3; 1
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                                                                   ACTACTAAGTATGATACTGTCATGAAGAATCTCAAAATAATGTGACAGAACTGTACAACTGTACAACTGTACAACTGTACAACTGTGAAGAAATCTCAAAATAATGTGACAGAACTGTACAACA
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       RESULT 6

US-10-790-396-29/c

I gaquence 29, Application US/10790396

Sequence 29, Application US/10790396

SEQUENCE 29, Application US/10790396

SEQUENCE 29, Application US/10790396

GENERAL INPORMATION:

APPLICANT: Sim, General 8

TITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PITTLE OP INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY TITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY TITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY TITLE OF INVENTION NUMBER: 6040-03-01

FRIOR PELING DATE: 2000-09-19

FRIOR APPLICATION NUMBER: 6040-8

FRIOR APPLICATION NUMBER: 0940-17

NUMBER OF SEQ ID NOS: 65

SEQ ID NO 29

LENGTHARE: PREMERIE PERMETIN VET: 2.0

SEQ ID NO 29

LENGTHARE: PREMERIE PERMETIN VET: 2.0

LENGTHARE: PREMERIE PERMETIN VET: 2.0
                                                                                                                                                                                                                                                                                                                            // TYPE: DNA
// ORGANISM: Pelis catus
US-10-790-396-29
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979 ACGTACCTGAGAGCTCTGATGAAGCCCAGTGTTTAACATTTTGAAGACAGCCTCAGGGG 1038
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71.6%; Score 772.8; DB 19; Length 987;
Best Local Similarity 88.8%; Pred. No. 1.3e-217;
Matches 860; Conservative 0; Mismatches 102; Indels 6;
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| Publication No. U920040157296A1
| GENERAL INPORMATION:
| APPLICANT: Sin, Gek-Kee
| APPLICANT: Sin, Gek-Kee
| APPLICANT: Yang, Shumin
| APPLICANT: Yang, Shumin
| APPLICANT: Yang, Shumin
| ITILE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY PROFILE INTERPRENCE: IM-1-C1-FCT
| CURRENT APPLICATION NUMBER: US/10/790,396
| FILE REFERENCE: IM-1-C1-FCT
| CURRENT APPLICATION NUMBER: US/09/646,561
| FRIOR APPLICATION NUMBER: G0/079,765
| FRIOR APPLICATION NUMBER: 09/062,597
| PRIOR APPLICATION NUMBER: 09/062,597
| PRIOR APPLICATION NUMBER: 09/062,597
| NUMBER OF SEQ ID NOS: 65
| SOFTWARE PRENCE IN VOICE OF USERIAL OF USE
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sequence y Application US/10790396

publication No. US20040157296A1

GENERAL INPORMATION:

APPLICANT: Sim Gek-Kee

APPLICANT: Salling Gek-Kee

APPLICANT: Salling, Karen S.

TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY PF

TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF

FILE REPRESENCE: IM-LC1-FOT

CURRENT APPLICATION NUMBER: US/09/646,561

FRIOR PILICATION NUMBER: US/09/646,561

FRIOR FILLING DATE: 2000-09-19

PRIOR FILLING DATE: 2000-09-19

PRIOR PELICATION NUMBER: 09/062,597

PRIOR PILING DATE: 1998-04-17

NUMBER OF SEQ ID NOS: 65

SOFTWARE: Patentin Ver. 2.0
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1 ORGANISM: Canis familiaris
US-10-790-396-9
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                                                                                                            Length 1897;
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                                                                                                          Score 772.8; DB 19; Length
Pred. No. 1.9e-217;
0; Mismatches 102; Indels
                                                                                                         Query Match
Best Local Similarity 88.8%;
Matches 860; Conservative
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 1897
TYPE: DNA
ORGANISM: Canls familiaris
FRATURE:
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; LOCATION: (6)..(992)
US-10-790-396-6
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                                             CTATTAGAACAGAAAATTCTGGCATCATAAATTTGACCTGCTCATCTATACAAGGTTACC
                                                                                                                                                               CTGTCATGAAGAAATCTCAAAATAATGTGACAGAACTGTACAACGTTTCTATCAGCTTGC
                    734 GCACAAGCTTTGACAAAGACAATTGGACCCTGAGACTCCATAATATTCAGATCAAGGACA
                                                                                    AAATGAGTTCTGACCTATCAGTGCTTGCTAACTTCAGTCAACCTGAAATAACAGTAACTT
                                                                                                 TGGAGATGCTGCTCTCCCTACCTTTCAATATAGATGCACAACCTAAGGATAAAGACCCTG
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                      CAGAACCTAAGGAGATGTATTTCAGCTAAACACTGAGAATTCAACTACTAAGTATGATA
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53.9%; Score 582.2; DB 19; Length 840;
Best Local Similarity 89.4%; Pred. No. 3.1e-161;
Matches 639; Conservative 0; Mismatches 73; Indels 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-700-396-19
| Sequence 19, Application US/10790396
| Sequence 19, Application US/10790396
| Publication No. US200401572964|
| GENERAL INFORMATION:
| APPLICANT: Sim, Gek-Kee
| APPLICANT: Wang, Shumin
| PRIE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PROJ TITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PROJ TITLE OF INVENTION: NOVER: US/0/0/0,396
| CURRENT FILING DATE: 2004-03-01
| PRIOR FILING DATE: 2004-03-01
| PRIOR FILING DATE: 1999-03-19
| PRIOR FILING DATE: 1999-04-17
| NUMBER OF SEQ ID NOS: 65
| SEQ ID NO 19
| SEQ ID NO 19
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US-10-790-396-19
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GTGAAACCAACAAAGTGGAGAGAAAAGAAAGTGAGCAGACCAAGGAAAGAGTACGGTACC 912
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1819 CCATGAAGAGTCAAGCATATTTCAACAAGACTGGAGAACTGCCATGCCATTTACAAATT
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                                                                                                                                                                                                                                                    GENERAL INFORMATION:
GENERAL I
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CRGANISM: Canis familiaris
US-10-790-396-8
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                                             CAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAGAATTCAACTACTAAGTATGATA
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             Gape
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167 I--GAAGCTTCCCTCCCTACCTTATAATATAGAAACCAACAAGTGGAGAGAA 116
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| Publication No. U320040157296A1
| GENERAL INFORMATION:
| APPLICANT: Sim, Cek-Ree
| TITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PR
| TITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PR
| TITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PR
| TITLE OF INVENTION: NOVER: US/10/790.396
| TITLE OF INVENTION: NOVER: US/00/646,561
| CURRENT APPLICATION NUMBER: US/09/646,561
| PRIOR PPLING DATE: 1998-03-01
| PRIOR PLING DATE: 1998-03-19
| NUMBER: OF SEQ ID NOSE: 65
| SOFTWARE: PATENTIN VEY: 2.0
                                 79 GCACTATGGGACTGAGTCACACTCTTGTGATGGCCCTCCTGCTCT
  Best Local Similarity 89.4%; Pred. No. 3.1e-161; Matches 639; Conservative 0; Mismatches 73; Indels
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559 CAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAGAATTCAACTACTAAGTATGATA 618
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US-10-790-396-20/c
US-10-790-396-20/c
Sequence 20. Application US/10790396
Publication No. US20040157296A1
GENERAL INFORMATION:
APPLICANT: Sim, Gek-Kee
APPLICANT: Sim, Gek-Kee
APPLICANT: Sellins, Karen S.
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY PR.
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
TILE REPERENCE: IN-1-C1-PCT
CURRENT APPLICATION NUMBER: US/10/790,196
CURRENT APPLICATION NUMBER: US/00/90,196
CURRENT APPLICATION NUMBER: G6/078,765
RRIOR FILING DATE: 1908-03-19
FRIOR FILING DATE: 1998-03-19
FRIOR FILING DATE: 1998-04-17
NUMBER OF SEO ID NOS: 65
SEO ID NO 20
LENGTH: 840
TAPP: NAM
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; ORGANISM: Canis familiaris
US-10-790-396-20
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CCATGAAGAGTCAAGCATATTTCAACAAGACTGGGAGAACTGCCCATGCCATTTTACAAATT
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Pred. No. 4.8e-161;
0; Mismatches 73; Indels
CURRENT APPLICATION NUMBER: US/10/790,396
CURRENT FILING DATE: 2004-03-01
PRIOR APPLICATION NUMBER: US/09/646,561
PRIOR APPLICATION NUMBER: 06/078,765
PRIOR APPLICATION NUMBER: 06/078,765
PRIOR FILING DATE: 1998-03-19
PRIOR FILING DATE: 1998-04-17
NUMBER OF SEQ ID NOWER: 09/062,597
SEQ ID NO SEQ ID NOS: 65
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SEQ ID NO SEQ ID NOS: 65
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US-09-962-436-556
'Sequence 556, Application US/09962436
'Perent No. US20020081301A1
                                                                                                                                                                                        Query Match 53.9%;
Best Local Similarity 89.4%;
Matches 639; Conservative
                                                                                                                                            ; TYPE: DNA; Canis familiaris US-10-790-396-18
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                                                                                                          Length 1795,
                                                                                                       Query Match 53.9%; Score 582.2; DB 19; Length Best Local Similarity 89.4%; Pred. No. 4.8e-161; Matches 639; Conservative 0; Mismatches 73; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 18, Application US/10790396
; Publication No. US20040157296A1
GENERAL INPORMATION:
; APPLICANT: Sim, Gek-Kee
; APPLICANT: Selline, Karen S.
; TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
; TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
; FILE REFERENCE: IM-1-C1-PCT
                       TYPE: DNA ORGANISM: Canis familiaris
                                               PEATURE:

NAME/KEY: CDS

LOCATION: (7)..(846)

US-10-790-396-16
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 SEQ ID NO 16
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955 AGACCAACGAAAGAGTACCATACCACGTACCTGAGGATCTGATGAAGCCCAGTGTG--- 1011
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779 TCTGTATTCTGGAAACTGACA---AGACGCGGCTTTTATCTTCACCTTTCTCTATAG--- 832
                                                                                                                                                                                                            890 CACACATTATATATGTCTGATGTTTTCTGTCTAATTCTATGGAATGGAAGAAGAAGA
                                                                                                                                                                                                                                                                                                               833 ---AGCTTGAGGACCCTCAGCCTCCCCCAGACCACATTCCTTGGATTACAGCTGTACTTC
                                                                                                                                                             835 TAATGTTTGTTTTTTGTGGGATGGTGCCTTTAAAACACTAAGGAAAAAGAAGAAGA
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                                                    775 CACAACCTAAGGATAAAGACCCTGAACAAGGCCACTTCCTCGGATTGCGGCTGTACTTG
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               APPLICANT: Soppet, Daniel
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu-
TITLE OF INVENTION: See
FILE REPERENCE: 689290-75
CURRENT APPLICATION NUMBER: US/09/962,436
CURRENT PILING DATE: 2001-09-25
PRIOR FILING DATE: 2000-09-25
PRIOR PILING DATE: 2000-09-25
PRIOR PILING DATE: 2000-09-35
NUMBER OF SEQ ID NOS: 568
SOFTWARE: Patentin version 3.0
LENGTHARE: 10424
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 1424;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 580.6; DB 9; Length 1
Pred. No. 1.38-160;
0; Mismatches 234; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 75.9%;
Matches 802; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-962-436-556
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                            nucleic - nucleic search, using sw model
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Maximum DB seq length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

ö 420 420 120 240 240 540 540 9 CAACTACTAAGTATGATACTGTCATGAAGAAATCTCAAAATAATGTGACAGAAACTGTACA 660 ACCTITCTATCAGCTTGCCTTTTTCAGTCCCTGAAGCACAATGTGAGCGTCTTTTGTG 720 61 GGATGGGCATTTGTGACAGCACTATGGGACTGAGTCACACTCTCCTTGTGATGGCCCTCC 120 300 241 ACCAGGATAAGCTGGTTCTGTATGAGATATTCAGAGGCAAAGAGAACCCTCAAAATGTTC 300 301 ATCTCAAATATAAGGGCCGTACAAGCTTTGACAAGGACAACTGGACCCTGAGACTCCACA 360 9 9 GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Collisson, Ellen W
APPLICANT: Insou, Choi
TITLE OF INVENTION: Feline CD86, Peline CTLA-4 Nucleic Acid
TITLE OF INVENTION: And Polypeptides
TITLE OF INVENTION: And Polypeptides
TITLE OF INVENTION: 1998-05-01
NUMBER OF SEQ ID NOS: 55
SOOTWARE: Patentin Ver. 2.0
SEQ ID NO 5 CTGAAATAACAGTAACTTCTAATAGAACAGAAAATTCTGGCATCATAAATTTGACCTGCT CATCTATACAAGGTTACCCAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAGAATT 1 GTTTCTGTGTTCCTCGGGAATGTCACTGAGCTTATACATCTGGTCTCTGGGAGCTGCAGT 61 GGATGGGCATTTGTGACAGCACTATGGGACTGAGTCACACTCTCCTTGTGATGGCCCTCC 181 CATGCCATTTTACAAACTCTCTCAAAACATAAGCCTGGATGAGCTGGTAGTATTTTGGCAGG 361 ATGTTCAGATCAAGGACAAGGGCACATATCACTTTCATTATAAAGGGCCCAAAG 481 CTGAAATAACGTAACTTCTAATAGAACAGAAAATTCTGGCATCATAAATTTGACCTGCT GTTTCTGTGTTCTCGGGAATGTCACTGAGCTTATACATCTGGTCTCTGGGAAGCTGCAGT 181 CATGCCATTTACAAACTCTCAAAACATAAGCCTGGATGAGCTGGTAGTATTTTGGCAGG 241 ACCAGGATAAGCTGGTTCTGTATGAGATATTCAGAGGCAAAGAGAACCCCTCAAAATGTTC 361 ATGTTCAGATCAAGGACAAAGGCACATATCACTGTTTCATTATAAAGGGCCCAAAG Gapa Query Match 100.0%; Score 1080, DB 16; Length 1080; Best Local Similarity 100.0%; Pred. No. 2.4e-298; Matches 1080; Conservative 0; Mismatches 0; Indela 0; ; NAME/KRY: CDS ; LOCATION: (63)..(1052) US-09-071-699-5 TYPE: DNA ORGANISM: feline CD86 US-09-071-699-5 -601 421 481 541 661 FEATURE 윱 8 8 유 8 ठ ઠે 셤 ठे 8 8 g ò g 8 6 ઠે 윱 ठे 셤 ठे 요 ð

ALIGNMENTS

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1080
 GENERAL INFORMATION:
JAPPLICANT: COLILARON, Ellen W.
APPLICANT: COLILARON, Ellen W.
APPLICANT: Choi, InSoc.
JATLE DE INVENTION: CTLA-4 Nucleic Acid and Polypeptides
TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
TITLE OF INVENTION: WUMBER: US/09/303,510A
CURRENT PILING DATE: 1999-04-30
EARLIER FILING DATE: 1999-04-30
EARLIER FILING DATE: 1999-05-01
NUMBER OF SEQ ID NOS: 83
SOFTWARE: Patentin Ver: 2.1
                                              GACTAGTTCCCATGCACCAATGAGTTCTGACCTATCAGTGCTTGGTGACTTCAGTCAAC
                                                                                                                                                                                                                                          721 CCCTGAAACTGGAGACACTGGAGATGCTGCTCCCTACCTTTCAATATAGATGCACAAC
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                                                                                                                                                          CTAAGGATAAAGACCCTGAACAAGGCCACTTCCTCGGATTGCGGCTGTACTTGTAATGT
                                                                                                                CCCTGAAACTGGAGACACTGGAGATGCTGCTCCCTACCTTTCAATATAGATGCACAAC
                                                   CCTGAAACTGGAGACACTGGAGATGCTGCTCTCCCTACCTTTCAATAGATGCACAAC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OCGANISM: feline CD86
FRATURE:
NAME/KEY: CDS
LOCATION: (63)..(1052)
US-09-303-040-5
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                     961 ACGAAAGAGTACCATACCACGTACCTGAGAATCTGATGAAGCCCAGTGTGTAAACATTT
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Pred. No. 5.4e-287;
0; Mismatches 3; Indels 0;
                                                                                                                                                                    RESULT 4
US-09-062-597A-25
US-09-062-597A-25
US-09-062-597A-25
GENERAL INFORMATION:
APPLICANT: Sim, Gek-Kee
APPLICANT: Solins, Shumin
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
TITLE OF INVENTION: USES THERROF
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carol Talkington Verser, Ph.D.
STREET: 1825 Sharp Point Drive
STREET: 1825 Sharp Point Drive
GOUTHY: FOLL Collins
GOUTHY: Colorado
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA

ZIP: 80525
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM WINDOW, Version 7.0
CURRENT APPLICATION DATA:
FILING DATE: 17-APR-1998
CLASSIPTCATION: 514
ATTORNEY/AGET INFORMATION:
NAME: Verser. Carol Talkington
REGISTRATION NUMBER: 37,459
REFERENCE CACACT TOWNER: 37,459
REFERENCE COCKET NUMBER: IM-1
TELECHONNE: 970/449.7272
TELEPHONE: 970/449.7272
TELEPA: NUMBER: STO/449.7272
TELEPA: NUMBER: NUM
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Best Local Similarity 99.7%;
Matches 1043; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NAME/KEY: CDS
| LOCATION: 179..1174
US-09-062-597A-25
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MOLECULE TYPE: CDNA
PRATURE:
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                                                                                             Length 1080;
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                                                                                             ; Score 1080; DB 20;
; Pred. No. 2.4e-298;
0; Mismatches 0;
                                                                                               Query Match
Best Local Similarity 100.0%;
Matches 1080; Conservative 0
; LENGTH: 1080
; TYPE: DNA
; ORGANISM: Feline
US-09-303-510-5
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                                                                                                                                                                                                                                                    Version 7.0
                                           CITY: Fort Colling
STATE: Colorado
COUNTRY: USA
ZIP: 80525
ZIP: 80
     ADDRESSE: Heska Corporation
STRET: 1825 Sharp Point Drive
CITY: Port Collins
STATE: Colorado
COUNTRY: USA
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(SEQUENCE 27, Application US/09062597A

(GENERAL INFORMATION:

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                                                    717 CAACTAACTAAGAATACTGATGAAGAAATCTCAAAATAATGTGACAGAAACTGTACA
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                                                                                                            CAACTACTAAGTATGATAATGTCATGAAGAAATCCTCAAAATAATGTGACAGAACTGTACA
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US-09-646-561-27/C
US-09-646-561-27/C
Sequence 27, Application US/09646561
SERERAL INFORMATION:
APPLICANT: Sim, Gek.Kee
APPLICANT: Stan, Geh.main
APPLICANT: Seallins, Karen 8.
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Best Local Similarity 99.7%; Pred. No. 5.4e-287; Length 2830;
Matches 1043; Conservative 0; Mismatches 3; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 25, Application US/09646561
GENERAL INFORMATION:
APPLICANT: Sim, Gerkee
APPLICANT: Stand, Gerkee
TILE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PITLE OF INVENTION: NOVER: 2000-09-19
FILE REFERENCE: 1000-09-19
FRICA APPLICATION NUMBER: US/056,561
CURRENT FILING DATE: 1998-04-19
FRICA APPLICATION NUMBER: 60/078,765
FRICA APPLICATION NUMBER: 60/078,765
FRICA APPLICATION NUMBER: 09/062,597
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; LOCATION: (179)..(1174)
US-09-646-561-25
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ORGANISM: Fells catus
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US-09-646-561-25
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                CTAAGGATAAAGACCCTGAACAAGGCCACTTCCTCTGGATTGCGGCTGTACTTGTAATGT
                                             1934 CTAAGGATAAAGACCCTGAACAAGGCCACTTCCTCTGGATTGCGGCTGTACTTGTAATGT
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297 CATGCCATTTTACAAACTCTCAAAACATAAGCCTGGATGAGCTGGTAGTATTTTGGCAGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 25, Application US/10790396
GENERAL INFORMATION:
APPLICANT: Sin, Gek-Kee
APPLICANT: Selline, Karen S.
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY PR.
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY PR.
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY PR.
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY PR.
FILE REFERENCE: IM-1-C1-PCT
CURRENT PILING DATE: 2004-03-01
PRIOR FILING DATE: 2004-03-19
PRIOR APPLICATION NUMBER: 60/078,765
PRIOR PLILING DATE: 1998-03-19
PRIOR PLILING DATE: 1998-04-17
NUMBER OF SEQ ID NOS: 65
SCFWARRE PELENTIN VET: 2.0
SEQ ID NO 25
LENGTH: 2830
                                                                                                                                                                                                                                                                                                                                                                                                    ) NAME/KEY: CDS
) LOCATION: (179)..(1174)
US-10-790-396-25
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ORGANISM: Felis catus
PEATURE:
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          PROTEINS, NUCLEIC
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; TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY FF
; TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
; CURRENT APPLICATION NUMBER: US/09/646,561
; CURRENT APPLICATION NUMBER: 00/076,765
; FRICE APPLICATION NUMBER: 60/076,765
; FRICE APPLICATION NUMBER: 60/076,765
; FRICE APPLICATION NUMBER: 09/062,597
; RICE FLING DATE: 1998-04-17
; NUMBER OF SEQ ID NOST: 65
; SEQ ID NOST: 1998-04-17
; SEQ ID NO 27
; LENGTH: 2810
                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Felis catus
US-09-646-561-27
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Ver. 2.0
; SOFTWARE: Patentin V, ; SEQ ID NO 27
; LENGTH: 2830
; TYPE: DM
; ORGANISM: Pelis cat: US-10-790-396-27
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                                                                                             241 CTCAAATATAAGGGCCGTACAAGCTTTGACAAGGACAACTGGACCCTGAGACTCCACAAT
                                                                                                                                                                                                               GITTICIAICAGCTIGCCTITITICAGTCCCTGAAGCACAAIGIGAGCGTCTTITIGIGCC
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                                                                                                                                     GAAATAACAGTAACTTCTAATAGAACAGAAAATTCTGGCATCATAAATTTGACCTGCTCA
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US-09-06-29/C
US-09-06-29-06
Sequence 29, Application US/09062597A
GENERAL INFORMATION:
APPLICANT: Vang, Shumin
APPLICANT: Vang, Shumin
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 29
CORRESPONDER ADDRESS:
ADDRESSEB: Carol Talkingron Verser, Ph.D.
ADDRESSEB: Heska Corporation
GENERAL 1825 Sharp Point Drive
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CTÓTCTGGTGTTTCTTCCATGAAGGTCAAGGATATTTCAACAAGACTGGAGAACTGCCA 182
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                             ACGNAAGAGTACCATACCAGGTACCTGAGAGATCTGATGAAGCCCAGTGTGTTAACATTT
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                                                                                                                                                                      US-09-062-597A-28

US-09-062-597A-28

SEQUENCE 28, APPLICANT SIN, Gek-Kee

APPLICANT: SAILING, KATEN S.

TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND TITLE OP INVENTION: USES THEREOF

NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESSE: Carol Talkington Verser, Ph.D.

ADDRESSEE: Carol Talkington Verser, Ph.D.

ADDRESSEE: Reak Corporation

STREET: Port Colling

STATE: Coloraty

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
COMPUTER: Windows 95
SOFTWARE: WordPerfect for Windows 95
SOFTWARE: WordPerfect for Windows, Version 7.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/062,597A
FILING DATE: 17-APR-1998
CLASSIFICATION: 514
ATTORNEY/OBCHT INFORMATION:
REGISTRATION NUMBER: 37,459
REPERENCE/POCKET NUMBER: 37,459
REPERENCE/POCKET NUMBER: 1M-1
TELEPHONE: 970/493-7272
TELEFAK: 970/493-7272
                                                                                       TGAAGACAGCCTCAGGGGACAAAAT 1046
                                                                                                       1694 TGAAGACCTCAGGCGACAAAAGT 1669
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SEQUENCE CHARACTERISTICS:
LENGTH: 996 nucleotides
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STRANDEDNESS: Bingle
TOPOLOGY: linear
MOLECULE TYPE: CDNA
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| LOCATION: 1...9
| US-09-062-597A-28
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                                                                                         336 CTGAAACTGGAGACACGGGAGATGCTCCCTACCTTTCAATATAGATGCACAACCT
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US-09-646-561-28
Sequence 28, Application US/09646561
Sequence 28, Application US/09646561
GENERAL INFORMATION:
APPLICANT: Sin, Gek-Kee
APPLICANT: Sain, Gek-Kee
APPLICANT: Selling, Shuwin
APPLICANT: Selling, Marcin S.
TITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOP
FILE REPREBENCE: IN-1-1-PCT
CURRENT APPLICATION NUMBER: US/09/646,561
CURRENT PLING DATE: 1998-09-19
FRIOR PRICE TILING DATE: 1998-04-17
NUMBER OF SEQ ID NOS: 65
SEQ ID NOS: 65
SEQ ID NO 28
LENGTH 396
LENGTH 396
LENGTH 396
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Best Local Similarity
Matches 981; Conserv
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90.7%; Score 979.2; DB 16; Length 996;
Best Local Similarity 99.7%; Pred. No. 2e-269;
Matches 981; Conservative 0; Mismatches 3; Indels 0;
                                         COUNTRY! USA
ZIP: USA
ZIP: USA
ZIP: USA
ZIP: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CORDATING SYSTEM: Windows 95
SOFTWARE: WOTGPETECT for Windows, Version 7.0
CURRENT APPLICATION DATA:
APPLICATION WURBER: US/09/062,597A
FILING DATE: 17-APR-1998
CLASSIFICATION: 514
ATTORNEY/ABRT INFORMATION:
NAME: Verser, Carol Talkington
REGISTRATION NUMBER: 37,459
REPERENNES/DOCKET NUMBER: 1M-1
TELEPHONE: 970/493-7272
Fort Collins
Colorado
Y: USA
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; MOLECULE TYPE: CDNA
US-09-062-597A-29
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                                                               ADGGGATTTGTGACAGCACTATGGGACTGAGTCACACTCTCCTTGTGATGGCCCTCCTG
                                                                                               GAMATAACAGTAACTTCTAATAGAACAGAAAATTCTGGCATCATAAATTTGACCTGCTCA
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                                   Length 996;
                                 Score 979.2; 'DB 29; Lengtherdring, No. 26-269; Indele 0; Mismatches 3; Indele
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                                Query Match
Best Local Similarity 99.7%;
Matches 981; Conservative
 ; TYPE: DNA; Pelis catus US-09-646-561-29
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                              CTAGTICCCATGCACCAATGAGTICTGACCTATCAGTGCTTGCTAACTICAGTCAACCT 482
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303 CTCAAATATAAGGCCCGTACAAGCTTTGACAAGGACAACTGCACCCGGAGACTCCACAAT
241 CTCAAATATAAGGGCCGTACAAGCTTTGACAAGGACACTGGACCCTGAGACTCCACAT
                                                                                             GITICIAICHACAGCTIGCCTITITICAGTCCCTGAAGCACACAATGTGAGGGCCTCTTTTGTGCC
                                                                                                                                                                                                                                                               GITICIAICAGCITGCCTTTTTCAGICCCTGAAGCACACAAIGIGAGCGTCTTTTGTGCC
                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 13
US-09-646-51-29/C
i Gequence 29, Application US/09646561
i GENERAL INPORMATION:
i APPLICANT: Sim, Gek-Kee
i TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
ITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
ITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
I CURRENT PILIAG DATE: 200-00-19
i PRIOR PILIAGATION NUMBER: 60/078,765
PRIOR APPLICATION NUMBER: 60/078,765
PRIOR APPLICATION NUMBER: 60/078,765
PRIOR APPLICATION NUMBER: 09/062,597
PRIOR APPLICATION NUMBER: 09/062,597
PRIOR APPLICATION NUMBER: 09/062,597
i PRIOR APPLICATION NUMBER: 09/062,597
i PRIOR APPLICATION NUMBER: 09/062,597
i ROFTWARE: PALENTH VOT: 2.0
i SEQ ID NO. 29
i LENGTH: 996
                                                                                                                                                                                                                                                                                                                                                                                                 AAGACAGCCTCAGGGGACAAAAT 1046
                                                                                                                                                                                                                                                                                                                                                                                                           AAGACAGCCTCAGGCGACAAAGT 984
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121 AAGGATAAAGACCCTGAACAAGACCACTTCCTCTGGATTGCGGCTGTACTTGTAATGTTT
                                                                                                                                                                   183 TGCCATTTTACAAACTCTCAAAACATAAGCCTGGATGAGCTGGTAGTATTTTGGCAGGAC
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                                                                                                                                                                                                                                                                                                                                                                               Sequence 29, Application US/10790396
Sequence 29, Application US/10790396
Sequence 29, Application US/10790396
SEQUENCE 29, Application US/10790396
SEQUENCE 20, Application US/10790396
SETILE OF INVENTION: ACID MOLECULES, AND USES THEREOF
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY PR
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
TITLE OF INVENTION NOMBER: US/09/646,561
PRIOR APPLICATION NUMBER: 004-03-01
PRIOR APPLICATION NUMBER: 60/098,765
PRIOR FILING DATE: 1998-03-19
PRIOR FILING DATE: 1998-03-17
NUMBER OF SEQ ID NOS: 65
SECTION 29
SEQ ID NOS: 65
LENGTH 996
TERGTH 996
                                                                                                                                                                                                                                                                                                     t TYPE: DNA
CORGANISM: Felis catus
US-10-790-396-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 CTC**CTGGTGTTTCTTCCATGAAGAGTCAAGCATATTTCAACAAGACTGGAGAACTGCCA 120
                                                                                                                                 PROTEINS, NUCLEIC
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                                                                  Sequence 28, Application US/10790396

GENERAL INFORMATION:

APPLICANT: Sin, Ge*Kee

APPLICANT: Sollins, Raren S.

ITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PR

ITLE OF INVENTION: NOVEL PORMS OF T CELL COSTIMULATORY PR

ITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF

ITLE REFERENCE: IM-1-C1-PCT

CURRENT PILING DATE: 2004-03-01

PRIOR APPLICATION NUMBER: US/09/646,561

PRIOR APPLICATION NUMBER: 09/062,597

PRIOR FILING DATE: 1998-03-19

PRIOR FILING DATE: 1998-03-19

PRIOR FILING DATE: 1998-03-19

PRIOR FILING DATE: 1998-04-17

NUMBER OF SEQ ID NOS: 65

SOFTWARE PATENTION VON PRIOR SEQ ID NOS: 65

SOFTWARE PATENTION NUMBER: 09/062,597
AAGACGCTCAGGCGACAAAGT
                                                                                                                                                                                                                                                                                                                     J TYPE: DNA
J ORGANISM: Fells catus
US-10-790-396-28
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                                                                                                                                              396 GITTCTATCAGCTTGTTGCTTTTTGGTCCCTGAAGCACACAATGTGAGCGTCTTTTGTGCC 337
                                                                                                                                                                                     783 AAGGATAAAGACCCTGAACAAGGCCACTTCCTCGGATTGCGGCTGTACTTGTAATGTTT 842
                                                                                                                                                                                                                    216 AAGGATAAAGACCCTGAACAAGGCCACTTCCTCTGGATTGCGGCTGTACTTGTAATGTTT 217
                                                                                                                                                                                                                                    GITTICTATCAGCTIGCCTTTTTCAGTCCCTGAAGCACACAAATGTGAGCGTCTTTTGTGCC 722
CTCAAATATAAGGGCCGTACAAGCTTTGACAAGGACAACTGGACCCCTGAGACTCCACAAT
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Search completed: August 20, 2005, 11:42:15 Job time : 18716 secs Sequence 54, Appl Sequence 56, Appl Sequence 56, Appl Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 551, Appl Sequence 517760, Sequence 117760, Sequence 18455, Sequence 111149, Sequence 18199, Sequence 586068, Sequence 18199, Sequence 18199, Sequence 18199, Sequence 18199, Sequence 18999, Sequence 18999, Sequence 18999, Sequence 18999, Sequence 18999, Sequence 18968, Sequence

Title: Perfect score:

Sequence:

nucleic

Run on:

Scoring table:

Searched:

Database

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APPLICANT: THE OHIO STATE UNIVERSITY
TITLE OF INVENTION: METHODS OF USING DATABASES TO CREATE GENE-EXPRESSION MICROARRA
TITLE OF INVENTION: METHODS OF USING DATABASES TO CREATE GENE-EXPRESSION MICROARRAYS
TITLE OF INVENTION: MICROARRAYS CREATED THEREBY, AND USES OF THE MICROARRAYS
CURRENT PELIS 18525-04130
CURRENT PELING DATE: 2005-01-07
PRIOR PPLIATION DATE: 2004-01-08
NUMBER OF SEQ ID NOS: 3859
SOFTWARE: PACENTIN VETSION 3.3
SEQ ID NO 3532
LENGTH: 1897
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               139 CCATGAAGAGTCAAGCATATTTCAACAAGACTGGAGAACTGCCATGCCATTTTACAAACT 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19 GCACTATGGAACTGAATAACATTCTCTTTGTGATGACCCTCCTGCTCTATGGTGCTGCTT
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PCT-USOS-18790-54

3 US-11.37-807.16

3 US-11.37-807.16

10 US-11.37-807.16

3 US-11.37-807.57

3 US-11.37-97-2

3 US-11.37-97-2

3 US-11.37-97-2

3 US-11.37-97-9

3 US-11.37-97-9

4 US-10.940-77-17478

4 US-10.940-774A-1760

5 US-10.301-480A-317760

6 US-10.301-480A-317760

8 US-10.301-480A-317760

9 US-10.301-480A-317560

10 US-10.301-480A-317560

10 US-10.301-480A-858068

10 US-10.301-480A-856555

10 US-10.301-480A-856555

10 US-10.301-480A-856555
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71.6%; Score 772.8; DB 1;
Best Local Similarity 88.8%; Pred. No. 6.7e-200;
Matches 860; Conservative 0; Mismatches 102;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3532, Application PC/TUS0500517 GENERAL INPORMATION:
          1003827779 34438604 335523 3 3 3 3 4 4 3 8 6 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
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ORGANISM: Canis familiaris
PCT-US05-00517-3532
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Sequence 1531, Appl
Sequence 3531, Ap
Sequence 3, Appli
Sequence 5261, Ap
Sequence 14809, A
Sequence 13, Appl
Sequence 16, Appl
                                                                                                                                                                                                     August 20, 2005, 01:00:27 ; Search time 1823 Seconds (without alignments) 7792.550 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pna/PCT_NEW_COMB.seq:*

3: /cgn2_6/ptodata/1/pna/PCT_NEW_COMB.seq:*

4: /cgn2_6/ptodata/1/pna/US07_NEW_COMB.seq:*

5: /cgn2_6/ptodata/1/pna/US07_NEW_COMB.seq:*

6: /cgn2_6/ptodata/1/pna/US07_NEW_COMB.seq:*

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9: /cgn2_6/ptodata/1/pna/US09_NEW_COMB.seq:*

10: /cgn2_6/ptodata/1/pna/US09_NEW_COMB.seq1:*

10: /cgn2_6/ptodata/1/pna/US09_NEW_COMB.seq1:*

11: /cgn2_6/ptodata/1/pna/US09_NEW_COMB.seq1:*

12: /cgn2_6/ptodata/1/pna/US10_NEW_COMB.seq4:*

13: /cgn2_6/ptodata/1/pna/US10_NEW_COMB.seq4:*

13: /cgn2_6/ptodata/1/pna/US10_NEW_COMB.seq6:*

14: /cgn2_6/ptodata/1/pna/US10_NEW_COMB.seq6:*

15: /cgn2_6/ptodata/1/pna/US10_NEW_COMB.seq6:*

16: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

19: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

20: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

21: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

22: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

23: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

24: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

25: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

26: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

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27: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

28: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

28: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

28: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*

28: /cgn2_6/ptodata/1/pna/US11_NEW_COMB.seq9:*
                                 GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd
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3 US-11-170-797-13

PCT-USOS-00517-3531

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4 US-10-940-774A-5261

US-10-302-689A-14809

US-11-041-164A-33

PCT-USOS-18533-16
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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Sequence Sequence Sequence

138

9

Length 1897, Indele 18

772.8 612.4 582.2 580.6 580.6 580.6 580.6

Result

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AGTICTGACCTATCAGTGCTTGCTAACTTCAGTCAACCTGAAATAACAGTAACTTCTAAT
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                                                                                                       Length 994;
                                                                                                    Query Match
56.7%; Score 612.4; DB 23; Length
Best Local Similarity 80.6%; Pred. No. 3.2e-156;
Matches 783; Conservative 0; Mismatches 171; Indels
CURRENT FILING DATE: 2005-06-28
PRIOR APPLICATION WUMBER: US 09/866,605
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: PCT/GB99/04200
PRIOR FILING DATE: 1999-12-17
PRIOR FILING DATE: 1999-12-19
PRIOR FILING DATE: 1998-12-19
PRIOR FILING DATE: 1998-12-19
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 39
SOSTWARE: PALENTLING VATE: 21
                                                                              TYPE: DNA
ORGANISM: Porcus spp
US-11-170-797-13
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                                                                                                                                                        CAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAGAATTCAACTACTAAGTATGATA
                                                                                                                                                                                                                                                                                                                                                                                               Sequence 13, Application US/11170797
GENERAL INFORMATION:
APPLICANT: Lechler, Robert
APPLICANT: ROSING, Anchola
APPLICANT: M. Laboratories PLC
TITLE OF INVENTION: IMPROVEMENT OF TOLERANCE TO A ZENOGRAFT
FILE REFERENCE: 5565-59112-02
CURRENT APPLICATION NUMBER: US/11/170,797
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        122 AGTGGACAGGCATTTGTGACAGCACTGAGGACTGAGTAACATTCTCTTTGTGATGGCCT
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                                                                                             CIGICATGARGAAATCTCAAAATAATGTCACAGAACTCTACAAGGTTTCTATCAGCTTGT
                                                                                                                                                                   CTTCTCAGTCCCCGAAGCAATGTGAGCATCTTCTGTGTCCTGCAACTTGAGTCAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                298 TICATCITCAAATATAAGGGCCGTACAAGCTTTGACAAGGACAACTGGACCCTGAGACTCC
                        500 CAGAACCCAAGGAGATGTATTTTTTGGTAAAAACCGAGAATTCAAGTACTAAGTATGATA
                                                                                                                                              CTTTTTCAGTCCCTGAAGCACACAATGTGAGCGTCTTTTGTGCCCTGAAACTGGAGACAC
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CAGAACCTAAGGAGATGTATTTCAGCTAAACACTGAGAATTCAACTACTAAGTATGATA
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JITLE OF INVENTION: METHODS AND PRODUCTS RELATED TO
JITLE OF INVENTION: METHODS AND PRODUCTS RELATED TO
JITLE OF INVENTION: METHODS AND PRODUCTS RELATED TO
JUTLES OF INVENTION: METHODS AND
JUTLES OF INVENTION: METHODS AND
JUTLES OF INVENTION NUMBER: US/11/027,053
JUTLES OF PRICE TOOM NUMBER: US/09/277,575
PRICE APPLICATION NUMBER: US. 60/082,250
PRICE PLING DATE: 1998-04-17
PRICE PLING DATE: 1998-04-17
PRICE PLING DATE: 1998-07-29
PRICE PLING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 113
SOFTWARE: PASLES OF EK WINDOWS VERSION 3.0
SEQ ID NO 3
SEQ ID NOS: 113
LENGTH: 1424
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US-11-027-053-3
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US-11-027-053-3
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| SQUENCE 331. Application PC/TUS0500517
| GRENERAL INFORMATION:
| APPLICANT: THE OHIO STATE UNIVERSITY
| TITLE OF INVERTION: MICROARRAYS CREATED THEREBY, AND USES OF THE MICROARRAYS;
| TITLE OF INVERTION: MICROARRAYS CREATED THEREBY, AND USES OF THE MICROARRAYS;
| PILE REPERENCE: 18525-04130
| CURRENT APPLICATION NUMBER: PCT/US05/00517
| PRIOR APPLICATION NUMBER: 60/535,111
| PRIOR APPLICATION NUMBER: 60/535,111
| PRIOR PLICATION NUMBER: 60/535,111
| PRIOR APPLICATION NUMBER: 60/535,111
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                  718 GIGTCCTTIGTBACACTBAGGABAGGAAGAAGAAGGAGCCTGCCTCTAATGATGT 837
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                                                                                             892 GAAGTCCATGAACGATCTGATGATGCCCAGTGTGATGTTAATATTTTAAAGACAGCCTCA 951
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                                                                                                                                                                                                                    1035 GGGGACAAAAT 1046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: DNA; Canis familiaris PCT-USOS-00517-3531
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1070 TTAAAATTCGAAGACATCTTCATGCAAAAAGTGA 1106
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US-10-940-7744-5261
i Sequence 5261, Application US/10940774A
i GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TILLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TILLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TILLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT FILING DATE: 2004-09-15
PRIOR PAPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PELING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOCIPURE: PSELEGE for Windows Version 4.0
SEQ ID NO 5261
LENGTH: 1600
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ATTCAACTACTAAGTATGATACTGTCATGAAGAATCTCAAAATAATGTGACAGAACTGT
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                 GCTCATCTATACAAGGTTACCCAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAGA
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1070 TTAAAAGTTCGAAGACATCTTCATGCGACAAAAGTGA 1106
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Best Local Similarity
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ORGANISM: Human
US-10-940-774A-5261
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APPLICANT: Mourich, Dan V.
APPLICANT: Mourich, Dan V.
APPLICANT: Iversen, Patrick L.
APPLICANT: Iversen, Patrick L.
ATILE OF INVENTION: Antiense oligomers and methods for inducing immune tolerance TITLE OF INVENTION: Immunosuppression
FILE REFERENCE: 50450-8055.USO0
FILE REFERENCE: 50450-8055.USO0
FILE REFERENCE: 2005-01-21
PRIOR APPLICATION NUMBER: US 60/538,655
FILE REFERENCE: 2004-01-23
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin version 3.3
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                                                                                                                                        Sequence 33, Application US/11041164A GENERAL INFORMATION:
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         UN-1U-102-689A-14809
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Tangy Y. Tom
APPLICANT: Deborah
APPLICANT: Labet. I'vind
APPLICANT: Deborah
APPLICANT: Deborah
APPLICANT: Moregomery, Julia, R.
APPLICANT: Bace, Jan.
APPLICANT: Bace,
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1 CACATION: (1):...(1926)
COTHER INFORMATION: n = a,t,c or g
US-10-302-689A-14809
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ORGANISM: Homo sapiens
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Sequence 16, Application PC/TUSO518533
| SEQUENCE 11 NFORMATION:
| SEQUENCE 11 NFORMATION:
| APPLICANT: The Trustees of the University of Pennsylvania
| APPLICANT: The Trustees of the University of Pennsylvania
| APPLICANT: Vondestraide, Robert
| APPLICANT: Vondestraide, Robert
| APPLICANT: Suboski, Megan
| TITLE OF INTENTION NUMBER: PCT/USO5/18533
| CURRENT APPLICATION NUMBER: PCT/USO5/18533
| CURRENT APPLICATION NUMBER: US 60/575,712
| PRIOR APPLICATION NUMBER: US 60/575,712
| RHOR FILING DATE: 2004-05-27
| NUMBER OF SEQ ID NOS: 22
| SOFTWARE: Patentin version 3.3
| SOFTWARE: Patentin version 3.3
                    955 AGACCAAGGAAAGAGTACCATACCACGTACCTGAGAGATCTGATGAGGCCCAGTGTG--- 1011
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                                                1012 TTAACATTTTGAAGACCCTCAGGGGACAAAATCA 1048
1070 TTAAAAGTTCGAAGACATCTTCATGCGACAAAAGTGA 1106
                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
PCT-US05-18533-16
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                                                            Query Match 53.8%; Score 580.6; DB 23; Length 2717; Best Local Similarity 75.9%; Pred. No. 2.1e-147; Matches 802; Conservative 0; Mismatches 234; Indels 21;
EQ IC NO 33
LENGTH: 2717
TYPE: DNA
ORGANISM: Homo sapiens
                                  ; ORGANISM: Homo
US-11-041-164A-33
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APPLICANT: Riley, James
APPLICANT: Unio, Carl.
APPLICANT: WonderIneide, Robert
APPLICANT: Aqui, Nicole
APPLICANT: Aqui, Nicole
APPLICANT: Woloski, Wegan
TITLE OF INVENTION: NOVEL ARTIFICIAL ANTIGEN PRESENTING CELLS AND USES THEREFOR
FILE REPERENCE: 053893-5054U31
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GENERAL INFORMATION:
APPLICANT: R118y, James
APPLICANT: June, Carl
APPLICANT: Vonderheide, Robert
APPLICANT: Wonderheide, Robert
APPLICANT: Aqui, Nicole
APPLICANT: Aqui, Nicole
APPLICANT: Suhoski, Negan
TITLICANT: Suhoski, Negan
TITLICANT: Suhoski, Negan
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Sequence 54, Application PC/TUSO518790

GENERAL INFORMATION:

GENERAL INFORMATION:

TILLE OF INVENTION: WETHOUS OF MODULATING THE REPRODUCTIVE ENDOCRINE SYSTEM

TILLE OF INVENTION: WE WODULATING THE REPRODUCTIVE ENDOCRINE SYSTEM

TILLE OF INVENTION: WE WODULATION OF TWP-alpha ACTIVITY

FILE REFERENCE: HILLOS5C

CURRENT APPLICATION NUMBER: PCT/USO5/18790

CURRENT PILING DATE: 2006-06-06

PRIOR PILING DATE: 2004-05-28

NUMBER OF SEQ ID NOS: 99

SOFTWARE: Patentin 3.3

SEQ ID NO 54
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GCTCATCTATACAAGGTTACCCAGAACCTAAGGAGATGTATTTTCAGCTAAACACTGAGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1012 TTAACATTTTGAAGACAGCCTCAGGGGACAAAATCA 1048
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PCT-US05-18790-54
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APPLICANT: Tang, Y. Tom
APPLICANT: Ballinger, Dennis
APPLICANT: Labat, Ivan
APPLICANT: Labat, Jun
APPLICANT: Labat, Jun
APPLICANT: Dennare, Radoje T.
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
TITLE REPERENCE: 502CIP
FILE REPERENCE: 502CIP
FILE REPERENCE: 502CIP
CURRENT APPLICATION NUMBER: US/10/302,689A
CURRENT FILLNG DATE: 2002-11-22
FRIOR PILLNG DATE: 2002-12-26
FRIOR PILLNG DATE: 2001-01-8
FRIOR PILLNG DATE: 2001-01-8
FRIOR PILLNG DATE: 2001-01-08
FRIOR PILLNG DATE: 2001-01-08
FRIOR PILLNG DATE: 2001-09-14
FRIOR FILLNG DATE: 2001-07-12
FRIOR APPLICATION NUMBER: 09/905, 059
FRIOR APPLICATION NUMBER: 09/905, 059
FRIOR APPLICATION NUMBER: 09/905, 059
FRIOR FILLNG DATE: 2001-07-12
FRIOR FILLNG DATE: 2001-07-12
FRIOR PILLNG DATE: 2001-07-12
FRIOR FILLNG DATE: 2001-07-07
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89.4%; Score 533.2; DB 9; Length 1830;
Best Local Similarity 75.3%; Pred. No. 1.6e-134;
Matches 735; Conservative 0; Mismatches 223; Indels 18; Gaps
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Sequence 57885, Application US/10302689A

GENERAL INFORMATION:

APPLICANT: Tang, Y. Tom

APPLICANT: Asundi, Vinod
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US-10-302-689A-57885
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CURRENT APPLICATION NUMBER: US/11/137,807
CURRENT FILING DATE: 2005-05-25
PRIOR APPLICATION NUMBER: US 60/575,712
PRIOR FILING DATE: 2004-05-27
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin version 3.3
SEQ IE NO 16
LENGTH: 2794
                                                                                                                                                                               TYPE: DNA
CORGANISM: Homo sapiens
US-11-137-807-16
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Pred. No. 1.8e-134;
0; Mismatches 223;
CURRENT FILING DATE: 2005-06-06
PRIOR APPLICATION WUMBER: 60/575,143
PRIOR FILING DATE: 2004-05-28
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin 3.3
SOCTWARE: 2781
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llarity 75.3%;
Conservative
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) ORGANISM: Homo sapiens
PCT-US05-18790-56
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GENERAL INFORMATION
AND FELLOMS OF HARVARD COLLEGE
TITLE OF INVENTION: METHODS OF MODULATING THE REPRODUCTIVE ENDOCRINE
TITLE OF INVENTION: BY MODULATION OF TNF-alpha ACTIVITY
FILE REFERENCE: HUI-0559C
CURRENT APPLICATION NUMBER: PCT/US05/18790
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Sequence 17, Application US/10960855

Sequence 17, Application US/10960855

GENERAL INFORMATION:
TITLE OF INVENTION:
STILE OF INVENTION:
TITLE OF INVENTION:
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STILE OF INVENTION:

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                                                                                                                                                                                                                                                                                                                                                                                                         121 ATAACAGAAAA----TGTGTACATAAATTTGACCTGCTCATCTATACACGGTTACCCAGAA 477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          861 GTGTCCTTTAAAACACTAAGGAAAAGGAAGAAGAAGCAGCCTGGCCCCTCTCATGAATGT
                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: fusion construct with human and bacterial OTHER INFORMATION: sequences US-10-960-855-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          39.8%; Score 429.6; DB 12; Length 1056; 79.3%; Pred. No. 2.5e-106;
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ORGANISM: Artificial Sequence
FEATURE:
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                                                       976 ACCACGTACCTGAGAGCTCTGATGAAGCCCCAGTGTG---TTAACATTTTGAAGACAGCCT 1032
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       358 AATGTGGAACCAACACAATGGAGAGGGAAGAGAGTGAACAGACAAGAAAAGAGAAAAA 1017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              144 AAGAGTCAAGCATATTTCAACAAGACTGGGAGAACTGCCATTTTACAAACTCTCAA 203
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APPLICANT: Lecther, Robert
APPLICANT: Rogers, Nichola
APPLICANT: Rogers, Nichola
APPLICANT: Borling, Anthony
APPLICANT: Laboratories PLC
TITLE OF INVENTION: INPROVEMENT OF TOLERANCE TO A ZENOGRAFT
TITLE OF INVENTION: INPRES: US/11/170,797
CURRENT APPLICATION NUMBER: US/11/170,797
CURRENT FILING DATE: 2005-06-28
PRIOR FILING DATE: 2005-06-28
PRIOR FILING DATE: 1999-10-17
PRIOR APPLICATION NUMBER: PCT/GB99/04200
PRIOR FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: 9925015.1
PRIOR APPLICATION NUMBER: 9925015.1
PRIOR APPLICATION NUMBER: 9925015.1
PRIOR PLICE DATE: 1999-10-23
NUMBER: OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 2
TENNAL OF SEQ ID NOS: 39
                                                                                                                                                                                                                                                                                                      // Sequence 2, Application US/11170797
// GENERAL INFORMATION:
                                                                                                                                          TYPE: DNA
CORGANISM: Homo sapiens
US-11-170-797-2
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US-11-170-797-2
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409 125 469 185 529 242 583 302 649 362

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947 GAGCAAACAGACGAAAGAGTACCATACCACGTACCTGAGAGATCTGATGAAGCCC- 1005
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                                       Length 754,
                                    Query Match 32.5%; Score 351.4; DB 25; Length Best Local Similarity 71.1%; Pred. No. 4.9e-85; Matches 541; Conservative 0; Mismatches 201; Indels
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; ORGANISM: Macaca Fascicularis
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APPLICANT: Cooper, Matthew
APPLICANT: Kinch, Deborah
APPLICANT: Kinch, Deborah
APPLICANT: Kosenberg, Michael
APPLICANT: Sak, Suzamaniam, S. Sai
APPLICANT: Sak, Suzama
APPLICANT: Bandaru, Raj
APPLICANT: Sak, Bandaru, Raj
APPLICANT: Sak, Bandaru, Raj
APPLICANT: APPLICANTON NUMBER: Valoue Complementary to CURRENT APPLICATION NUMBER: Valoue Complementary to CURRENT PILING DATE: 2005-05-13
NUMBER: Patent Sequence Analysis Tool Version 1.0

TYPE: DNA
TYPE: DNA
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                                                                                                                          AAGAGTCAAGCATATTTCAACAAGACTGGAGAACTGCCATGCCATTTTACAAACTCTCAA
                                                                                                                                                                                GAGATATTCAGAGGCAAAGAGAACCCTCAAAATGTTCATCTCAAATATAAGGGCCGTACA
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                       84 ATGGGACTGAGTCACACTCTCCTTGTGATGGCCCTCCTGCTCTCTGGGGTTTTCTTCCATG
                                              1 Areseacreastracarrecerresearesecricesecrecies erected
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Mismatches 134; Indels
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549, Conservative
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US-60-680-544-17478
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August 17, 2005, 18:49:39 ; Search time 23 Seconds (without alignments) 1067.806 Million cell updates/sec
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1737
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1. /cgn2_6/ptcGata1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptcGata/1/iaa/5A_COMB.pep:*
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4: /cgn2_6/ptcGata/1/iaa/6A_COMB.pep:*
5: /cgn2_6/ptcGata/1/iaa/PtTUS_COMB.pep:*
6: /cgn2_6/ptcGata/1/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Sequence 6, Sequence 19, Sequence 111; Sequence 11, Sequence 2, Sequence 1, Se	Score Match Length DB	Lengt	e i e	80 4	ID 115-09-651-200-18	Description
Sequence 19 Sequence 20	329 4	r 🖘	0-SU &	0-80	JS-09-303-040-6	9
Sequence 20 Sequence 11 Sequence 21 Sequence 22 Sequence 23 Sequence 23 Sequence 23 Sequence 23 Sequence 24 Sequence 25 Sequence 27 Sequen	79.0 329 4 1	4	4 US-(	ns-(	39-651-200-19	19
132 Sequence 11 Sequence 2, Sequence 2, Sequence 2, Sequence 2, Sequence 4, Sequence 2, Se	66.6 325 4 1	4	4 US-	ns-	09-651-200-20	20
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Sequence 2, Sequence 2, Sequence 2, Sequence 2, Sequence 4, Sequence 2, Sequence 6, Sequence 12	52.0 329 2 1	2	2 US-	ng-	08-456-104-2	č
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3 Sequence 23 Sequence 24 Sequence 24 Sequence 25 Sequence 25 Sequence 26 Sequence 26 Sequence 27 Sequence 67	52.0 329 3 1	ص 0	3 US-	us-	JS-08-280-757B-2	2, A
Sequence 23 Sequence 4, Sequence 4, Sequence 2, Sequence 6, Sequence 6,	52.0 329 3 (	ص 0	3 US-	ŝ	JS-08-205-697A-23	23,
Sequence 4, Sequence 2, Sequence 6, Sequence 6, Sequence 6,	۳ 6	۳ 6	3 US-	ng-	JS-08-702-525-23	23,
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Sequence 2, Sequence 6, Sequence 6, Sequence 1, Sequen	52.0 329 4	4	4 US-	Sn	US-08-435-816A-4	4,
Sequence 23 Sequence 2, Sequence 2, Sequence 2, Sequence 21 Sequence 21 Sequence 22 Sequence 22 Sequence 6, Sequence 6, Sequence 6, Sequence 6,	3 52.0 329 4 1	4	4 US-	85	J8-09-425-762-2	'n
Sequence 2, Sequence 6, Sequence 6, Sequence 6, Sequence 6, Sequence 1, Sequen	52.0 329 4 1	4	4 US-	ns-	09-837-867A-23	53
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Sequence 21, 22 Sequence 22, 2 Sequence 6, 8 Sequence 6, 8 Sequence 6, 8 Sequence 12, 2	51.8 329 4 1	4	4 US-	ns-	JS-09-667-135-32	32
Sequence 22, Sequence 2, Sequence 2, Sequence 6, Sequence 16, Sequence 12, Sequence	51.7 323 4	4	4 US-	ng-	JS-09-651-200-21	21,
Sequence 2, Sequence 6, Sequence 6, Sequence 18, Sequence 18, Sequence 18, Sequence 12,	4	4	4 US-	-Sn	JS-09-441-411-22	22,
6 Sequence 6, Sequence 6, 8 Sequence 18, 2 Sequence 12,	898 51.7 323 5 PCT	S	S PCT	Ė	-US94-09642-2	~
Sequence 6, 8 Sequence 18, 2 Sequence 12,	5 51.5 324 4 (	4	4 US-	-Sn	JS-09-910-174B-6	ý
-18 Sequence 18,	5 51.5 324 4 1	4	4 US-	ns-	JS-09-620-461-6	ý
-291-12 Sequence 12,	4	4	4 US-	-SD	<b>JS-09-756-983-18</b>	18,
	682.5 39.3 218 4 US-	4	4 US-	-80	<b>JS-09-451-291-12</b>	12,

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121 LVPMHQMSBDLSVLANF9QPRITVTSNRTENBGIINLTCSBIQGYPBFKEMYFQLNTENB 180

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181 TTKYDTVMKKSQNNVTELYNVSISLPPSVPRAHNVSVPCALKLETLEMILSLPPNIDAQP 240

181 TTKYDTVMKKSQNNVTELYNVGISLPPBVPRAHNVSVPCALKLETLEMLLSLPPNIDAQP

8 8 8

Query Match
Best Local Similarity 100.0%; Pred. No. 2.5e-168;
Matches 329; Conservative 0; Mismatches 0; Indels 0

240

24. XDKOPEQCHPLWIAAVLVMPVVPCGRVSPKTLRKRKKKQKQPGPSHECETIKRERKESKQTN 300
24. XDKOPEQGHPLWIAAVLVMFVVPCGRVSFKTLRKRKKKQPGPSHECETIKRERKESKQTN 300

Sequence 11, Appl Sequence 12, Appl Sequence 16, Appl Sequence 17, Appl Sequence 21, Appl Sequence 21, Appl Sequence 21, Appl Sequence 21, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 24, Appl Sequence 24, Appl Sequence 25, Appl Sequence 27, Appl Sequence 27, Appl Sequence 28, Appl	where of the Human B  on B-7 Family and  y  did in the pulant  the in the pulant  on
4 US-09-441-411-112 4 US-09-441-411-117 2 US-09-441-411-117 2 US-09-441-411-117 2 US-08-479-7448-23 3 US-08-479-7448-23 3 US-08-205-6978-23 4 US-09-675-135-33 4 US-09-677-135-33 4 US-09-425-762-23 4 US-09-426-41-411-13 4 US-09-441-411-13 4 US-09-441-411-14 4 US-09-441-411-14 4 US-09-441-411-18	on US/09651200  on US/09651200  al Polymucleotides Encoding Members Lymphocyte Activation Antigen B-Polymptides Encoded Thereby C-Sc2 (CURA-62)  UMBER: US/09/651,200  1000-08-30  1000-08
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228 643 5 643 5 643 5 643 5 643 5 643 5 643 5 643 5 643 5 643 5 643 643 643 643 643 643 643 643 643 643	RESULT 1  US-09-651-200-18  Sequence 18, Applica Sequent No. 6442303  FALLICANT: Green e TITLE OF INVENTION: TITLE OF INVENTION OF SECULIAR DATE: PRIOR FILING DATE: THENGTH: 329  LENGTH: 329  LENGTH: 329  LENGTH: 329
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us-09-303-510-6.rai

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67 YEIFRGKENPONVHLKYKGRTSPDKDNWTLRLHNVOIKDKGTYHCFIHYKGPKGLVPMHQ 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       126 PASDLSVLANFGQPEIMVTSNRTENSGIINLTCSSIQGYPBPKEMYPLVKTENSGTKYDT 185
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Sequence 20, Application US/09651200

Betent No. 6429303

GENERAL INFORMATION:

APPLICANT: Green et al

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

FILE REFERENCE: 15966-562 (CURA-62)

PRIOR PELLING DATE: 1099-09-03

PRIOR FILING DATE: 1999-12-21

PRIOR PELLING DATE: 1999-12-21

PRIOR PELLING DATE: 1999-12-21

PRIOR APPLICATION NUMBER: 60/103578

PRIOR PELLING DATE: 2000-02-18

NUMBER OF SEQ ID NOS: 25

SOFTWARE: PATENTIN Ver. 2.0

LENGTH: 325

TITLE PERFERENCE: PATENTIN VER. 2.0

LENGTH: 225

TITLE PERFERENCE: PATENTIN VER. 2.0
                                                                                                                                                                                                                                                                                                                                                          6 TMELINILE VMTLLLYGAASMKSQAYFINKTGELPCHFTNSQNIBLDELVVFNQDQDKLVU
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                                                                                                                                                                                                                                                                                                                                7 TMGLSHTLLVMALLLSGVSSMKSQAYFNKTGELPCHFTNSQNISLDELVVFWQDQDKLVL
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PRIOR APPLICATION NUMBER: 60/183578
PRIOR FILING DATE: 2000-02-18
NUMBER OF SEG ID NOS: 25
SOFTWARE: Patentin Ver. 2.0
SEG ID NO 19
LENGTH: 329
TYPE: PRI
                                                                                                                                                                                                                                Query Match
Best Local Similarity 81.7%
Matches 263, Conservative
                                                                                                                                                                ORGANISM: Canis familiaris US-09-651-200-19
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US-09-651-200-20
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US-09-651-200-20
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                                                                                                                                           Sequence 6, Application US/09303040
; Sequence 6, Application US/09303040
; Patent No. 655571
; GENERAL INPOSIMATION;
; APPLICANT: Winslow, Barbara J.
; APPLICANT: Winslow, Barbara J.
; APPLICANT: Cochran, Mark D.
; TITLE OF INVENTION: Peline CD80, Peline CD28, Peline CTLA-4 or
; TITLE OF INVENTION: Peline Interferon-gama And Uses Thereof
; TITLE OF INVENTION: Peline Interferon-gama And Uses Thereof
; TITLE OF INVENTION: Peline Interferon-gama And Uses Thereof
; TITLE OF INVENTION WIMBER: US/09/303,040
; CURRENT PILING DATE: 1999-04-30
; CURRENT PILING DATE: 1999-04-30
; BARLIER PILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 82
; SOUTHWARE: Patentin Ver. 2.0
; SEQ ID NO 6
; LENGTH: 329
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Patent No. 6429303

GENERAL INVORMATION:
TILLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and
TILLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and
TILLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and
TILLE OF INVENTION: Polypeptides Encoded Thereby
FILE REFERENCE: 15966-562 (CURA-62)
CURRENT APPLICATION NUMBER: US/09/651,200
CURRENT FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/152383
PRIOR PLILING DATE: 1999-09-03
PRIOR FILING DATE: 1999-12-21
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100.0%; Score 1737; DB 4; Length 3
Best Local Similarity 100.0%; Pred. No. 2.5s-168
Matches 329; Conservative 0; Mismatches 0; Indels
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                            301 BRVPYHVPERSDEAGCVNILKTASGDKNQ 329
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       ERVPYHVPERSDEAQCVNILKTASGDKNQ
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) ORGANISM: feline CD86
US-09-303-040-6
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US-09-651-200-19
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US-09-303-040-6
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Sequence 2, Application US/08456104

Patent No. 5861310.

TOTAL SEGURATION

APPLICANT: Preman, Gordon J.

APPLICANT: Preman, Gordon J.

APPLICANT: Gray, Garry S.

TITLE OF INTENTION: TUMOR CELLS MODIFIED TO EXPRESS B7-2 AND B7-3 WITH INCREASE CORRESPONDENCE ADDRESS:

ADDRESSES: LAHIVE & COCKPIELD

ADDRESSES: LAHIVE & COCKPIELD

STREET: 60 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          126
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242 PPDHIPMITAVLPT-VIICVMVPCLILMKWKKKRPRNSYKCGTNTWBRBESEQTKKRRE 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE PLOOP disk

MEDIU
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Best Local Similarity 58.54
Matches 190; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein US-08-456-104-2
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

PILE REPRENCE: CLOO1307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT PILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-06-08

PRIOR FILING DATE: 2000-06-08

PRIOR FILING DATE: 2000-07-03

PRIOR FILING DATE: 2000-08

PRIOR FILING DATE: 2000-08

PRIOR FILING DATE: 2000-01-03

PRIOR FILING DATE: 2000-04-14
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201 - DPQPPPDHIPWITAVLPT-VIICVMVPCLILWKWKKKKRPRNSYKCGTNTWEREBSEGT 338
                                                                                                                                                                                                                                                                                       180 MKKSQNNITELYNVSIRVSLPIPPETNVSIVCVLQLEPSKTLLFSLPCNIDAKPPVQPPV 239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        44 GICDSTWGLSNILFVWAPILISGAAPLKIQATFNBTADLPCOPANSQNQSLSBLVVFWQDQ 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     164 IRIHQPANSELSVLANPSQPEIVPIGNITENV-YINLICSSIHGYPEPKKWSVLLRTKNST 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          182 TKYDTVMKKSONNVTELYNVSISLPFSVPE-AHNVSVFCALKLETLEMLISLPFNIDAOP 240
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                                                                                                                                                         188 MKKSQNNVTELYNVSISLPPSVPRAHNVSVPCALKLETLEMLLI-SLPFNIDAOPKDYDPE 246
                                                                                                                                                                                                                                                                                                                                                                       247 QGHFLWIAAVLVMPVVPCGMVSFKTLRKRKKKKQPGPSHEC-ETIKRERKESKQTNERVPY 305
                                                                                                                                                                                                                                                                                                                                                                                                          240 PDHILWIAALLVITVVVVCGMYSFVTLRKRKKQPGPGNECGETIKARRASEQTKRAEV 299
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68 BIPRGKENPONVHLKYKGRISFDKDNWILRLHNVQIKDKGTYHCPIHYKGPKGLVPMHQM 127
                                                                                                                   SSDLSVLANPSQPEITVTSNRTENSGIINLTCSSIQGYPEPKEMYFQLNTENSTTKYDTV 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 GICDSTMGLSHTLLVWALLLSGVSSMKSQAYFNKTGELPCHFTNSQNISLDELVVFWQDQ
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53.7%; Score 932; DB 4; Length 372;
Best Local Similarity 59.1%; Pred. No. 2.9e-86;
Matches 195; Conservative 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               KKREKIHIPERSDEAQRVFKSSKTSSCDKS 368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-949-016-11132; Sequence 11132, Application US/09949016; Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11132
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67 YBIFRGKENPQNVHLKYKGRISFDKDNMTLRLHNVQIKDKGTYHCFIHYKGFKGLVPMHQ 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               187 VMKKSQNRVTELYNVSISLPFSVPB-AHNVSVPCALKLETLEMLLSLPFNIDAQPKDKDP 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6 TMGLSNILFVMAFLLSGAAPLKIQAYFNETADLPCQFANSQNQSLSELVVFWQDQENLVU. 65
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                                                                                                                                                                                                                                                                                Sequence 2, Application US/08479744A
Patent No. 6084067
| GENERAL INFORMATION:
| APPLICANT: Freeman, Gordon J.
| APPLICANT: Presending Gray, Garry S.,
| APPLICANT: Wadler, Lee N. |
| TITLE OF INVENTION: Uses Therefor |
| NUMBER OF SEQUENCES: 5 |
| CORRESPONDENCE ALMINER & COCKFIELD, LLP |
| STREET: Go State Street |
| CITY: Boston |
| CITY: Boston |
| CITY: Roston |
| COCKFIELD |
|
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ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIA
SOFTWARE: IBM PC COMPALIA
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,744A
APPLICATION NUMBER: 08/200,757
FILING DATE: 26-JUL-1993
APPLICATION NUMBER: 08/109,393
FILING DATE: 3-AUG-1993
APPLICATION NUMBER: 08/10,524
FILING DATE: 3-AUG-1993
APPLICATION NUMBER: 08/11,773
FILING DATE: 3-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: MANDET GATON NUMBER: AMY E.
REDERMORAPOROCKET NUMBER: RPI-004CP3
TELEFOXMUNICATION NUMBER: RPI-004CP3
TELEFOXMUNICATIO
         305 YHVPERSDEAQCV-NILKTASGDKN 328
                                                                 LENGTH: 329 amino acids TYPE: amino acid
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                                                                                                                                                                                                                        RESULT 8
US-08-479-744A-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             246 EQGHFLWIAAVLVMFVVPCGMVSFKTLRK-RKKKQPGPSHECETIKRERKESKQTNERVP 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     242 PPDHIPWITAVLPT-VIICVMVPCLIIMKWKKKRRPRNSYKCGTNTMBRBESBQTKKREK 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6 TWGLSNILFVWAFLLSGAAPLKIQAYFNETADLPCGFANSQNQSLSRIVVFWQDQENLVI 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8, Gaps
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Best Local Similarity 58.5%; Pred. No. 2.1e-83;
Matches 190; Conservative 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Freeman, Gordon J.
APPLICANT: Nadler, Lee M.
APPLICANT: Nadler, Lee M.
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: No. 5942607el CTLA4/CD28 Ligands and
TITLE OF INVENTION: Uses Therefor
NUMBER OF SECURNICS: 25
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYEE: Floppy disk
COMPUTER: PRICHING SYSTEM: PC-DOS/MS-DOS
COFRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/101,624
FILING DATE: 26-JUL-1993
CLASSIFICATION: 0374
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
E: LAHIVE & COCKFIELD
60 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: RPI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                    RESULT 7
US-08-101-624-2
Sequence 2, Application US/08101624
Patent No. 5942607
GENERAL INFORMATION:
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NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 329 amino acida
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , MOLECULE TYPE: protein US-08-101-624-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
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Sequence 23, Application US/08205697A
Patent No. 6218510
GENERAL INFORMATION:
APPLICANT: Sharpe, Arlene H.
APPLICANT: Borifallo, Francescopaulo
APPLICANT: Borifallo, Francescopaulo
APPLICANT: Freeman, Gordon J.
APPLICANT: Freeman, Gordon J.
TITLE OF INVENTION: No. 621851061 Forms of T Cell Costimulatory Molecules
TITLE OF INVENTION: and Uses Therefor
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKPIELD
STREET: 60 State Street, suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              245
                                                                                                                                                                                                                                242 PPDHIPWITAVLPI-VIICVAVPCLILWKWKKKKKRRPRNSYKKGTNTMERBEBEBGTKKREK 300
                                                   126 MNSELSVLANPSQPEIVPISNITENV-YINLTCSSIHGYPEPKKMSVLLRTKNSTIEYDG 184
                             MSSDLSVLANPSOPEITVTSNRTENSGIINLTCSSIQGYPEPKEMYFQLNTENSTTKYDT 186
                                                                                                                                                                                                       246 EQGHFLWIAAVLVMFVVPCGMVSFKTLRK-RKKKOPGPSHECETIKRERKESKQTNERVP 304
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      65
                                                                                                                                            6 TMGLSNILFVWAFLLSGAAPLKIQAYFNBTADLPCGFANSQNQSLSBLVVFWQDQENLVL
                                                                                                                 187 VMKKSONNVTELYNVSISLPPSVPB-AHNVSVPCALKLBTLEMLLSLPPNIDAOPKDXP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
COUNTRY: USA
COUNTRY: USA
COMPUTER READABLE
COMPUTER: END FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM FC compatible
COMPUTER: USA
SOFTWARE: ASCII TEXT
CURRENT APPLICATION NUMBER: US/08/205,697A
FILING DATE: 02-Mar-1994
ATTORNEY/AGENT INFORMATION:
NAMB: MANGTEGOURE AMY E
REGISTRATION NUMBER: 36,207
REGISTRATION INFORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                             305 YHVPERSDEAQCV-NILKTASGDKN 328
                                                                                                                                                                                                                                                                                                                           (617) 227-5941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEG ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 329 amino acid
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Boston
STATE: Massac
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                                                                246 BOGHPLWIAAULVMFVVFCQMVSPKTLRK-RKGKQPGPSHECETIKRERKESKQTNERVP 304
242 PPDHIPWITAVLPT-VIICVMVPCLILWKWKKKRRPNSYKCGTNTWEREESEQTKKRER 300
67 YEIFRGKENPONVHLKYKGRISFDKDNWTLRLHNVOIKDKGTYHCFIHYKGPKGLVPMHQ 126
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                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Preeman, Gordon J.
APPLICANT: Nadler, Lee M.
APPLICANT: Nadler, Lee M.
APPLICANT: Greenfield, Edward
TITLE OF INVENTION: No. 6130316e1 CTLA4/CD28 Ligands and
TITLE OF INVENTION: Uses Therefor
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSES: LAHIVE & COCKPIELD
STREET: 60 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Ploppy disk
COMPUTER: 18M PC comparible
OEMATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/280,757B
FILING DATE: 26-UUL-1994
                                                                                                                                                           305 YHVPERSDEAQCV-NILKTASGDKN 328
                                                                                                                                                                                        APPLICATION NUMBER: 08/101,624
PILING DATE: 26-7ULY-1993
APPLICATION NUMBER: 08/109,393
PILING DATE: 19-AUG-1993
APPLICATION NUMBER: 08/147,773
APPLICATION NUMBER: 08/147,773
ATTORNEY/AGENT INPORMATION:
                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/08280757B
Patent No. 6130316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAMB: Mandragouras, Amy E. REGISTRATION NUMBER: 36,207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: R
TELECOMMUNICATION INPORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                329 amino acida
amino acid
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 26-JUL-1
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         / MOLECULE TYPE: protein
US-08-280-7578-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
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Best Local Similarity
Matches 190; Conserv
                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Boston
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Sequence 4, Application US/08403253A
Patent No. 6352694
GENERAL INFORMATION:
APPLICANT: June, Carl H., Thompson, Craig B., Nabel, Gary J.
APPLICANT: Gray, Gary S., Rennert, Paul D.
TITLE OF INVENTION: Methods For Selectively Stimulating Proliferation Of T-Cell
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKPIELD
STREE: AS State Street
CITY: Boston Head
      MSSDLSVLANPSOPRITVIENRIENGGINLTCSBIQGYPBYKEMYPQLNTENSTIKYDT 186
                                         187 VMKKSQNNVTELYNVSISLPFSVPB-AHNVSVFCALKLETLEMLLSLPFNIDAQPKDKDP 245
                                                                                                                                                                                                                                        246 EQGHFLWIAAVLVMFVVFCGMVSFKTLRK-RKKKQPGPSHECETIKRERKESKQTNERVP 304
                                                                                                                                                                                                                                                                        242 PPDHIPWITAVLPT-VIICVMVFCLILWKWKKKKRPRNSYKCGTWYMERESSEGPKKREK 300
                                                                                                                                                             ZIP: 02109
COMPUTER READABLE FORM: MEDIUM TYBE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/Ms-DOS
SOFFWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/084403,253A
PILING DATE: Warch 10, 1995
CLASSIFICATION NUMBER: US/084403,253A
PILING DATE: JUNE 1994
APPLICATION NUMBER: US 08/253,964
FILING DATE: JUNE 1994
APPLICATION NUMBER: US 08/200,947
PILING DATE: JR PEN 1994
APPLICATION NUMBER: US 08/200,947
PILING DATE: JR PEN 1994
APPLICATION NUMBER: US 08/247,505
FILING DATE: JR PEN 1992
APPLICATION NUMBER: US 07/864,865
FILING DATE: JR PEN 1992
APPLICATION NUMBER: US 07/864,865
FILING DATE: JR PEN 1994
APPLICATION NUMBER: US 07/864,807
FILING DATE: JR PEN 1994
APPLICATION NUMBER: US 07/864,807
FILING DATE: JR DATE 1994
APPLICATION NUMBER: US 07/864,807
FILING DATE: JR DATE 1992
APPLICATION NUMBER: US 07/864,807
FILING DATE: JR DATE 1992
APPLICATION NUMBER: US 07/902,467
FILING DATE: JR DATE 1992
APPLICATION NUMBER: US 07/25,433
FILING DATE: JR DATE 1992
APPLICATION NUMBER: US 07/25,433
FILING DATE: JR DATE 18,007
FILING DAT
                                                                                                                                                                                                                                                                                                                                                     305 YHVPERSDEAQCV-NILKTASGDKN 328
                                                                                                                                                                                                                                                                                                                                                                                            617) 227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 329 antho acida
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 12
US-08-403-253A-4
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126 MNSELSVLANFSQPEIVPISNITENV-YINLTCSSIHGYPEPKKMSVLLRTRUSTIEYDG 184
                                                                                                                             242 PPDHIPWITAVLPT-VIICVMVFCLILWKWKKKKRPRNSYKCGTNTWEREESEQTKKREK 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                187 VMKKSQNNVTELYNVSISLPPSVPB-AHNVSVPCALKLETLEMLLSLPFNIDAQPKDKDP 245
                                                                                                                                                                                                       246 EQCHFLWIAAVLVMFVVFCGMVSFKTLRK-RKKKOPGPSHECETIKRERKESKQTNERVP 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                67 YEIFRGKENPONVHLKYKGRISPDKDNWTLRLHNVQIKDKGTYHCFIHYKGPKGLVPWHQ 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7 TMGLSHTLLVMALLLSGVSSMKSQAYFNKTGBLPCHPTNSQNISLDBLVVFWQDQDKLVL 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Sharpe,
APPLICANT: Sharpe, Sharpe
APPLICANT: Borriello, Francescopacio
APPLICANT: Presenan, Gordon
APPLICANT: Nadler, Lee
TITLE OF INVENTION: No. 6294660el Forms of T Cell Costimulatory
TITLE OF INVENTION: Molecules and Uses Therefor
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSE: LAMIVE & COCKPIELD
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 52.0%; Score 903; DB 3; Length 329; Best Local Similarity 58.5%; Pred. No. 2.1e-83; Matches 190; Conservative 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PILING DATE:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/205,697
FILING DATE: 02 Mar-1994
ATTORNEY FAGENT INPORMATION:
NAME: MANGEGOURES, Amy E.
REGISTRATION NUMBER: 36,207
REPREMENS POCCHAIN NUMBER: MAY-120CPUS
TELEPANONICATION INFORMATION:
TELEPANONE: (617)227-7400
TELEPANONE: (617)227-7400
TELEPANONE: (617)227-7401
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC COMPACTIVE
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTARE: APPLICATION DATA:
APPLICATION NUMBER: US/08/702,525
                                                                                                                                                                                                                                                                                                                           305 YHVPERSDEAQCV-NILKTASGDKN 328
                                                                                                                                                                                                                                                                                                                                                               Sequence 23, Application US/08702525
Patent No. 6294660
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Massachusetts
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67 YEIFRGKENPONVHLKYKGRISPDKDNWTLRLHNVQIKDKGTYHCPIHYKGPKGLVPMHQ 126
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58.5%; Pred. No. 2.18-83;
Live 44; Mismatches 83; Indels
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APPLICANT: Nadler, Lee M.
APPLICANT: Nadler, Lee M.
APPLICANT: Nadler, Lee M.
TITLE OF INVENTION: Uses Therefor
TITLE OF INVENTION: Uses Therefor
NUMBER OF SUCHENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKPIELD, LLP
STREET: 60 State Street
CITY: Boston
                                                                   APPLICATION NUMBER: US 07/864,866
PILING DATE: 7 APR 1992
APPLICATION NUMBER: US 08/218,155
FILING DATE: 25 MAR 1993
APPLICATION NUMBER: US 07/864,807
FILING DATE: 7 APR 1992
APPLICATION NUMBER: US 07/902,467
FILING DATE: 16 UNB 1992
APPLICATION NUMBER: US 07/902,467
FILING DATE: 23 NOV 1988
ATTORNEY/AGENT INFORMATION:
NAME: MANDERADION:
NAME: MANDERADION: NUMBER: RPI-002CP3
TELECOMMUNICATION NUMBER: RPI-002CP3
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APPLICATION NUMBER: US 07/0-
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Matches 190, Conservative
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MOLECULE TYPE: protein
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. USA
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US-08-435-816A-4
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APPLICANT: Thompson, Craig B.
APPLICANT: Thompson, Craig B.
APPLICANT: Male, Gary J.
APPLICANT: Male, Gary J.
APPLICANT: Reary J.
APPLICANT: Marchaet, Paul D.
TITLE OF INVENTION: Methods For Selectively Stimulating Proliferation Of T-Cells NUMBER OF SEQUENCES: 14
CORRESPONDENCES: LAHIUF & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: Boaton
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      67 YEIFRGKENPONVHLKYKGRISPDKDNWTLRLHNVQIKDKGTYHCFIHYKGPKGLVPMHQ 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          246 EQCHFLWIAAVLVMFVVFCGMVSFKTLRK-RKKKOPGPSHECETIKRERKESKOTNERVP 304
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ZIP: USA
ZIP: USA
ZIP: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBW PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PRECENTIN RClease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,816A
FLING DATE: MAY 4, 1995
PRIOR PRECATION NUMBER: US 08/403,253
PRIOR DATE: 10 MARCH 1995
APPLICATION NUMBER: US 08/253,964
FILING DATE: 3 JUNE 1994
APPLICATION NUMBER: US 08/200,947
FILING DATE: 3 TONE 1993
APPLICATION NUMBER: US 08/200,947
FILING DATE: 3 SEE 1994
APPLICATION NUMBER: US 08/200,947
FILING DATE: 3 FEE 1994
APPLICATION NUMBER: US 08/200,947
FILING DATE: 3 PEE 1994
APPLICATION NUMBER: US 07/864,805
FILING DATE: 7 APR 1992
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            TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                      US-08-403-253A-4
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APPLICANT: Borriello, Francescopaulo
APPLICANT: Freeman, Gordon J.
APPLICANT: Freeman, Gordon J.
APPLICANT: Freeman, Gordon J.
APPLICANT: Nadler, Lee M.
TITLE OF INVENTION: No. 6608180e1 Forms of T Cell Costimulatory
TITLE OF INVENTION: Molecules and Uses Therefor
FILE REFERENCE: BMI-12007ADV
CURRENT APPLICATION NUMBER: US/09/837,867A
CURRENT FILING DATE: 2001-04-17
PRIOR APPLICATION MUMBER: 08/205,697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 52.0%; Score 903; DB 4; Length 329; Best Local Similarity 58.5%; Pred. No. 2.1e-83; Matches 190; Conservative 44; Mismatches 83; Indels
COMPUTER READABLE FORM:

WEDIUM TYPE: Ploppy disk
COMPUTER: ISH POOPPY disk
COMPUTER: ISH PC COMPACTION
COMPUTER: ISH PC COMPACTION
SYSTEM: PC COMPACTION
COMPUTER: PACCHILI Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/425,762
FILMG DATE:
CLASSIPLOATION:
PRIOR APPLICATION DATA:
FILMG DATE:
ATTONIER JONE AND ATTONIER: US/479,744
FILMG DATE:
ATTONIER JONE AND ATTONIER: US/ATTONIER
ATTONIER JONE AND ATTONIER
ATTONIER J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Mandragourae, Amy E.
REGISTRATION NUMBER: 36,207
REPRENCE/DOCKET NUMBER: RPI-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEPHONE: (617) 227-5941
INFORMATION FOR SEQ ID NO: 2:
SEGUENCE CHARACTERISTICS:
LENGTH: 329 amino acids
TYPE: Amino acids
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US-09-837-867A-23
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66 NBVYLGKEKFDSVHSKYMGRISFDSDSWTLRLHNILQIKDKGLYQCIIHHKKPTGMIRIHQ 125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                242 PPDHIPWITAVLPT-VIICVAVFCLILMKAKKKRPRNSYKCGTNTMERESEGTKKREK 300
                                                                                                                                                                                                                                                                                                                                                                                          67 YEIFRGKENPONVHLKYKGRISFDKDNWTLRLHNVQIKDKGTYHCFIHYKGFKGLVPMHQ 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        127 MSSDLSVLANPSOPEITVTSNRTENSGIINLTCSSIQGYPEPKEMYPQLNTENSTTKYDT 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  246 EQGHPLWIAAVLVMFVVPCGMVSFKTLRK-RKKKQPGPSHECETIKRERKESKQTNERVP 304
                                                                                                                                                                                                                                                                                             99
                                                                                                                                                                                                                                                                                                                        6 TMGLSNILFVWARLLSGAAPLKIQAYFNETADLPCQFANSQNOSLSELVVFWQDQBNLVL 65
                                                                                                                                                                                                                                                                                             7 TMGLSHTLLVMALLLSGVSSMKSQAYFNKTGBLPCHFTNSQNISLDBLVVFWQDQDKLVL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     187 VMKKSQNNVTBLYNVSISLPPSVPB-AHNVSVPCALKLETLEMILSLPFNIDAQPKDKDP
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                                                                                                                                                                                                                                                8,
                                                                                                                                                                                                  Length 329;
                                                                                                                                                                                                                                                83, Indels
                                                                                                                                                                                                52.0%; Score 903; DB 4;
58.5%; Pred. No. 2.1e-83;
tive 44; Mismatches 83
NUMBER OF SEQ ID NOS: 42
SOFFWARE: FRRESEQ for Windows Version 4.0
SEQ ID NO 23
LENGTH: 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                305 YHVPERSDEAQCV-NILKTASGDKN 328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Search completed: August 17, 2005, 19:00:02 Job time : 25 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                301 IHIPERSDEAQRVFKSSKTSSCDKS 325
                                                                                                                                                                                             Query Match
Best Local Similarity 58.5*
Matches 190, Conservative
                                                                                                  TYPE: PRT
OKGANISM: Homo sapiens
US-09-837-867A-23
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Sequence 7, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 23, Appl
Sequence 23, Appl
Sequence 26, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6, Appli
Sequence 6, Appli
                                                                                                                                          August 17, 2005, 18:58:34 ; Search time 158 Seconds (without alignments) 815.391 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                            US-09-303-510-6
1737
1 MGICDSTMGLSHTLLVMALL......RSDEAQCVNILKTASGDKNQ 329
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1: /cgn2 6/ptodata/2/pubpaa/PCT_NEW PUBCOMB.pep:*

2: /cgn2 6/ptodata/2/pubpaa/PCT_NEW PUB.pep:*

4: /cgn2 6/ptodata/2/pubpaa/USO6_NEW PUB.pep:*

4: /cgn2 6/ptodata/2/pubpaa/USO6_NEW PUB.pep:*

5: /cgn2 6/ptodata/2/pubpaa/USO6_NEW PUB.pep:*

6: /cgn2 6/ptodata/2/pubpaa/USO8_NEW PUB.pep:*

7: /cgn2 6/ptodata/2/pubpaa/USO8_NEW PUB.pep:*

8: /cgn2 6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2 6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*

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11: /cgn2 6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

11: /cgn2 6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

13: /cgn2 6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

14: /cgn2 6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

15: /cgn2 6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

16: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

17: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

18: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

19: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

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11: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

12: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

13: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

14: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

15: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

16: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

17: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

18: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

18: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*

18: /cgn2 6/ptodata/2/pubpaa/USO0P_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-303-040-6
US-10-790-396-7
E US-10-790-396-7
E US-10-790-396-7
US-09-183-05-4
US-09-183-05-4
US-09-425-762-2
US-09-441-411-26
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Maximum Match 100%
Listing first 45 summaries
                                                                                               protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
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1726
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1157.5
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903
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                                                                                               OM protein
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                                                                                                                                                  Run on:
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No.
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Sequence 23, Appli
Sequence 6, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 11, Appli
Sequence 12, Appli
Sequence 12, Appli
Sequence 12, Appli
Sequence 121, Appli
Sequence 12, Appli
Sequence 16, Appli
Sequence 16, Appli
Sequence 4, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 16, Appli
Sequence 16, Appli
Sequence 16, Appli
Sequence 18, Appli
Sequence 11, Appli
Sequence 11, Appli
Sequence 12, Appli
Sequence 11, Appli
Sequence 12, Appli
Sequence 11, Appli
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Collisson, Ellen W.
APPLICANT: Collisson, Ellen W.
APPLICANT: Collisson, Ellen W.
APPLICANT: Collisson
TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
FILE REFERENCE: 3495
CURRENT APPLICATION NUMBER: 60/083,869
CURRENT FILING DATE: 1998-04-30
EARLIER PILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PARCENTIN Ver. 2.1
SEQ ID NO 6
LENGTH: 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 MGICDSTMGLGHTLLVWALLLSGVSSMKSQAYPNKTGELPCHFTNSQNISLDELVVFWQD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 MGICDSTMGLSHTLLVMALLLSGVSSMKSQAYPNKTGELPCHFTNSQNISLDELVVFWQD
                                                                                                                                                                                                                                                                                                                                                    Sequence 16,
Sequence 17,
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                      Sequence
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                                                                                                                          US-00-741-71-22
US-10-087-192-1080
US-10-087-192-1080
US-10-087-192-1080
US-10-276-55-121
US-10-276-542-16
US-10-276-542-16
US-10-276-542-16
US-10-276-543-16
US-10-644-671-6
US-10-790-396-31
US-10-790-396-31
                                                                                                                                                                                                                                                                                 US-10-614-6394-18
US-10-614-414A-18
US-09-915-789A-22
US-10-890-789-12
US-09-441-411-11
                                                                                                                                                                                                                                                               US-10-334-235-40
US-09-756-983-18
                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6, Application US/09303510A
Patent No. USZ0020028208A1
GENERAL INFORMATION:
  ; TYPE: PRT
; ORGANISM: Peline
US-09-303-510-6
                                                                                                                                                                                                                                                                                                                                                                                                                                        -09-303-510-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     240
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Publication No. US20040157296A1

GENERAL INFORMATION:
APPLICANT: Sim, Gek-Kee
APPLICANT: Sain, Gek-Kee
APPLICANT: Sain, Gek-Kee
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
TITLE OF INVENTION NUMBER: US/09/646,561
PRIOR FILING DATE: 2000-09-19
PRIOR PLLING DATE: 1998-03-19
PRIOR APPLICATION NUMBER: 60/078,765
PRIOR APPLICATION NUMBER: 60/078,765
PRIOR APPLICATION NUMBER: 09/062,597
PRIOR APPLICATION NUMBER: 09/062,597
WHOMBER OF SEQ ID NOS: 65
Publication No. US20040157296A1
GENERAL INFORMATION:
APPLICANT: Sin, Gek.Kee
APPLICANT: Salin, Gek.Kee
APPLICANT: Saling, Shumin
APPLICANT: Saling, Shumin
APPLICANT: Saling, Karen S.
ITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
ITLE POF INVENTION: ACID MOLECULES, AND USES THEREOF
FILE REFERENCE: IM-1-C1-PCT
CURRENT FILING DATE: 2004-03-19
PRIOR APPLICATION NUMBER: US/09/646,561
PRIOR APPLICATION NUMBER: 60/0919
PRIOR PILING DATE: 1998-03-19
PRIOR PILING DATE: 1998-04-17
NUMBER OF SEQ ID NOS: 65
SEQ ID NO 26
IEROGTH: 332
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; ORGANISM: Felis catus
US-10-790-396-26
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                                                                                                                                                                             181 TTKYDTVMKKSQNNVTELYNVSISLPPSVPRARANVSVPCALKLETLEMLLSLPFNIDAQP
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                                                                                                                                             181 TIXYDTVMKKSQNNVIELYNVSISLPPSVPEAHNVSVPCALKLBTLEMLLSLPFNIDAQP
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                                                                                                                                                                                                                                                                                                                                                                 301 BRVPYHVPERSDEAQCVNILKTASGDKNQ 329
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US-10-790-396-26
, Sequence 26, Application US/10790396
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ORGANISM: feline CD86
US-09-303-040-6
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APPLICANT: June, Carl H.
APPLICANT: Thompson, Craig B.
APPLICANT: Thompson, Craig B.
APPLICANT: Mabel, Gary J.
APPLICANT: Rabel, Gary J.
APPLICANT: Remest, Paul D.
TITLE OF INVENTION: Methods For Selectively Stimulating Proliferation Of T-Cell
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: LAHYUS & COCKFIELD
STREET: 60 State Street
                                                                                                               126 MNSDLSVLANPSQPBIMVTSNRTENSGIINLTCSSIQCYPEPKEMYFLVKTENSSTKYDT 185
                                                                                                                                                                                                                                                                                                                                                                     235 -----EINKVERKESEGTKERVARY 254
          66 YELYRGKENPQNVHRKYKGRTSPDKDNWTLRLHNIQIKDKGLYQCFVHHKGPKGLVPMHQ 125
                                                                        186
                                                                                                                                                                                                          187 VMKKSONNVTELYNVSISLPPSVPEAHNVSVPCALKLETLEMLLSLPPNIDAOPKDKOPE 246
                                                                                                                                                                                                                                                 247 QGHPLWIAAVLVMFVVPCGMVSPKTLRKRKKKQPGPSHBCETIKRBRKBSKQTNBRVPYH 306
                                                                           127 MSSDLSVLANFSQPEITVTSNRTENSGIINLTCSSIQCYPBPKEMYPQLNTENSTTKYDT
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COMPUTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Rolesse #1.0, Version #1.25
FILING DATE: 26-JAN-1995
APPLICATION NUMBER: US 08/435,816
FILING DATE: 10-MARCH-1995
APPLICATION NUMBER: US 08/23,964
FILING DATE: 3-JUNE-1994
APPLICATION NUMBER: US 08/200,947
FILING DATE: 3-JUNE-1994
APPLICATION NUMBER: US 08/200,947
FILING DATE: 3-FEB-1994
APPLICATION NUMBER: US 09/247,505
FILING DATE: 7-AFR-1992
APPLICATION NUMBER: US 09/247,505
FILING DATE: 7-AFR-1992
APPLICATION NUMBER: US 09/247,505
FILING DATE: 7-AFR-1992
APPLICATION NUMBER: US 07/864,807
FILING DATE: 13-MAY-1994
APPLICATION NUMBER: US 07/864,807
FILING DATE: 13-MAY-1992
APPLICATION NUMBER: US 07/864,807
FILING DATE: 13-MAY-1992
APPLICATION NUMBER: US 07/804,407
FILING DATE: 3-MAR-1992
APPLICATION NUMBER: US 07/275,433
FILING DATE: 3-NOV-1986
ATTORNEY ABENT INPORMATION:
NAME: MANDE: MANY E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          307 VPERSDEAQCVNILKTASGDKN 328
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 4, Application US/08592711
; Publication No. US20020115214A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSER: LAHIVE & CC
STRET: 60 State Stree
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              244 GDHILMIAALLVMLVILCGMVPFLTLRKRKKKQDGPSHECETNKVERKBSEQTKERVRYH 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PROTEINS, NUCLEIC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MSSDLSVLANPSQPEITVTSNRTENSGIINLTCSSIQGYPEPKEMYPQLNTENSTTKYDT 186
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                                                                                                                                                                                                                                                                                                                                                                                                            6 TMELANILEVWILLLYGAASMKSQAYPNKTGELPCHPINSQNISLDELVVFWQDQDKLVU 65
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                                                                                                                                                                                                                                          Length 329;
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Publication No. US20040157296A1

GENERAL INFORMATION:

APPLICANT: Sim Gek-Kee

APPLICANT: Yang, Shumin

APPLICANT: Salina, Karen S.

TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY PR.

TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF

FILE REPERENCE: IM-LCI-POT.

CURRENT APPLICATION: NUMBER: US/09/646,561

PRIOR PILLATION DATE: 2004-03-01

PRIOR PLILATION NUMBER: 09/062,597

PRIOR PLILAG DATE: 1998-04-17

PRIOR PLILAG DATE: 1998-04-17

NUMBER OF EEQ ID NOS: 65

SOFTWARRE PATEMENT NOW HORE.

SOFTWARRE.

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                                                                                                                                                                                                                                      Query Match 79.0%; Score 1372; DB 16; Best Local Similarity 81.7%; Pred. No. 1.4e-104; Matches 263; Conservative 22; Mismatches 35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 66.6%; Score 1157.5; DB Best Local Similarity 70.8%; Pred. No. 5.3e-87; Matches 228; Conservative 19; Mismatches 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       307 VPBRSDEAQCVNILKTASGDKN 328
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
LENGTH: 329
                                                                                                        rype: prr
ORGANISM: Canis familiaris
US-10-790-396-7
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1 ORGANISM: Canis familiaris
US-10-790-396-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     67 YEIFRGKENPONVHLKYKGRISFDKDNWTLRLHNVQIKDKGTYHCFIHYKGPKGLVPMHQ 126
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US-004-25-762-2
INS-004-25-762-2
| Sequence 2, Application US/09425762
| Publication No. US20020086414A1
| GENERAL INPORMATION:
| APPLICANT: Remain, Gordon J.
| APPLICANT: Radler, Lee M.
| APPLICANT: Gray, Gary 8.
| TITLE OF INVENTION: Uses Therefor
| TITLE OF INVENTION: Uses Therefor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
52.0%; Score 903; DB 9; Length 32:
Best Local Similarity 58.5%; Pred. No. 6.1e-66;
Matches 190; Conservative 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Superko, Colleen
REGIGTRATION NUMBER: 39,850
REPERRENCE/DOCKET NUMBER: 36119-125U88
TELECOMUNICATION INPORMATION:
TELEPHONE: (617) 526-6564
                       APPLICATION NUMBERS 1 US 08/075, 223

APPLICATION NUMBERS US 08/200, 947

FILING DATE 23 FEB 1994

APPLICATION NUMBERS US 07/864, 805

FILING DATE 7 APR 1992

APPLICATION NUMBERS US 09/24, 505

FILING DATE 23 MAY 1994

APPLICATION NUMBERS US 07/864, 866

FILING DATE 23 MAY 1992

APPLICATION NUMBERS US 09/24, 505

FILING DATE 25 MAR 1992

APPLICATION NUMBERS US 07/864, 807

FILING DATE 15 MAR 1992

APPLICATION NUMBERS US 07/864, 807

FILING DATE 15 MAR 1992

APPLICATION NUMBERS US 07/864, 807

FILING DATE 16 JUNE 1992

APPLICATION NUMBERS US 07/902, 467

FILING DATE 16 JUNE 1992

APPLICATION NUMBERS US 07/202, 467

FILING DATE 13 NOV 1988
       08/073,223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 329 amino acids
TYPE: amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          305 YHVPERSDRAQCV-NILKTASGDKN 328
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (617) 526-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          셤
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          246 EQGHPLWIAAVLVMPVVPCGMVSFYILRK-RKKKQPGPSHECETIKRERKESKQTNERVP 304
242 PPDHIPWITAVLPT-VIICVMVPCLILWKWKKKRPRNSYKCGTNTWEREESEQTKKREK 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  67 YEIFRGKENPONVHLKYKGRTSFDKDNWTLRLANVQIKDKGTYHCFIHYKGPKGLVPMHQ 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   187 WKKGONNYTELYNVSISLPPSVPE-ARNSVPCALKLSTLEMILSLPFNIDAQPKDKDP 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6 TMGLSNILPVWAPLLEGGAAPLKIQAYFNETADLPCQFANSQNQSLSELVVFWQDQENLVU 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7 TMGLSHTLLVMALLLSGVSSMKSQAYFNKTGELPCHPTNSQNISLDELVVFWQDQDDKLVL 66
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US-09-181-055-4
is Sequence 4, Application US/09183055
is Publication No. US20020076407A1
is GENERAL INFORMATION:
If APPLICANT: June, Carl H., Thompson, Craig B., Nabel, Gary, Gray, G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCES:
ADDRESSE: HALE AND DORR ILP
STREET: 60 State Street
CITY: Boaton
CITY: Boaton
STATE: Boaton
COMPUTER: USA
ZIP: 10109
COMPUTER READBLE FORM:
MEDIUM TYPE: FLOPBY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0; Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 30-Oct.1998
FILING DATE: 30-Oct.1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 329,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  83; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 52.0%; Score 903; DB 8; Best Local Similarity 58.5%; Pred. No. 6.1e-66; Matches 190; Conservative 44; Mismatches 83;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION DATA:
APPLICATION NUMBER: US 08/403,253
BLING DATE: MARCH 10, 1995
APPLICATION NUMBER: US 08/253,964
FILING DATE: 3 JUNE 1994
REGISTRATION NUMBER: 36,207
REPERBUNCI-DOCKET WINBER: RPI-002CP4
TELECOMMINICATION INFORMATION:
TELEPHONE: (617) 227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       305 YHVPERSDEAQCV-NILKTASGDKN 328
                                                                                                                     TELEFAX: (617) 227-5941

TELEFAX: (617) 227-5941

INPORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS: 1 LENGRH: 329 amino acids TYPE: amino acid TYPE: amino acid MOLECULE TYPE: protein US-08-592-711-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR
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TITLE OF INVENTION: No. US20020098542A1el Forms of T Cell Costimulatory TITLE OF INVENTION: Molecules and Uses Therefor FILE REFERENCE: BMI-1120CPAU. CURRENT APPLICATION NUMBER: US/09/837,867A CURRENT FILING DATE: 2001-04-17 PRIOR PELICATION NUMBER: 08/205,697 PRIOR FILING DATE: 1994-03-02 NUMBER OF SEQ ID NOS: 42 SOFTWARE: FeatSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                              7 TMGLSHTLLVMALLLSGVSSMKSQAYFNKTGELPCHPTNSQNISLDELVVFWQDQDKLVL
                                                                                                                                                                                                                                                                                                                                                                                    Gape
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                                                                                                                                                                                                                                                                                                                                      52.0%; Score 901; DB 9; Length 329;
58.5%; Pred. No. 6.1e-66;
tive 44; Mismatches 83; Indels
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Best Local Similarity 50.5%; Pred. No. 6.1e-66;
Matches 190; Conservative 44; Mismatches 83; Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Scholler, Nathalie B.
APPLICANT: Disla, Mary L.
APPLICANT: Helletrom, Ingerd
APPLICANT: Helletrom, Karl Brik
TITLE OP INVENTON: SURPACE RECEPTOR ANTIGRN VACCINES
FILE REPREMCE: 730033.409
CURRENT APPLICATION NUMBER: US/09/441,411
CURRENT PILING DATE: 1999-11-16
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PERESEQ for Mindows Version 4.0
LENGTH: 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           305 YHVPBRSDBAQCV-NILKTASGDKN 328
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; Publication No. US20030008342A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 58.5%
Matches 190; Conservative
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US-09-441-411-26
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US-09-837-867A-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       127 MSSDLSVLANPSOPEITVTSNRTENSGIINLTCSSIQGYPEPKEMYFQLNTENSTTKYDT 186
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       246 EQCHPLWIAAVLVMPVVPCGMVSPKTLRK-RKKKOPGPSHECETIKRERKESKOTNERVP 304
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                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/425,762
                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGERT INPORMATION:
NAME: Mandragourae, Amy E.
REGISTRATION UNBER: 36.207
REPERENCE/DOCKET NUMBER: RPI-004CP3
FELECOMMUNICATION INFORMATION:
FELECOMMUNICATION INFORMATION:
FELECOMMUNICATION OF TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 329 amino acide
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
FOPOLOGY: linear
MOLECTLE TYPE: procein
US-09-425-762-2
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19.09-831-867A-23
19.09-831-867A-23
19.09-831-867A
19.09-831-831-831-831-83
  NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSES: LAHIVE & COCKFIELD, LLP
STREET: 60 State Street
                                                                                                                                                                         COMPUTER READABLE FORM:
WIDTUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS_DOS
                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/479,744
                                                                                CITY: Boston
STATE: Massachusetts
COINTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                              PILING DATE:
                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                          ZIP: 02109
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Sequence 4, Application US/09150202
| Publication No. US20030095643A1
| GENERAL INFORMATION |
| APPLICANT: June, Carl H., Thompson, Craig B., Nabel, Gary J. APPLICANT: June, Carl H., Thompson, Craig B., Nabel, Gary J. TITLE OF INVENTION: Methods For Selectively Stimulating Proliferation Of T-Cell NUMBER OF SEQUENCES: 14
| CORRESPONDENCE ADDRESS: LAHIVE & COCKFIELD |
| STREET: 28 State Street
                                                                      66 NEVYLGKEKPDSVHSKYMGRISPDSDSWTLRLHNLQIKDKGLYQCIIHHKKVTGMIRIHQ 125
                                                                                                                                                                                                                                     245
                                                                                                                                                                                                                                                                                                                                                       242 PPDHIPWITAVLPT-VIICVMVPCLILWKWKKKGRPRNSYKCGTNTMEREESEGTKKREK 300
                                                                                                                                       127 MSSDLSVLANPSOPRITVTSNRTENSGIINLICSSIQGYPEPKGMYPOLNTENSTTKYDT 186
                                                                                                                                                                   246 BOCHFLWIAAVLVMPVVPCCMVSFKTLRK-RKKKOPGPSHECETIKRERKESKOTNERVP 304
TMGLSNILFVMAFLLSGAAPLKIQAYFNETADLFCQPANSQNQSLSELVVFWQDQBNLVL 65
                                                                                                                                                                                                                                                                 185 IMQKSQDNVTELYDVSISLSVSFPDVTSNMTIFCILETDKTR-LLSSPFSIELE--DPQP
                                              67 YBIFRGKENPONVHLKYKGRISPDKDNWTLRLHNVQIKDKGTYHCFIHYKGPKGLVPMHO
                                                                                                                                                                                                                                       187 VMKKSQNNVTELYNVSISLPPSVPR-ANNVSVFCALKLETLEMLLSLPPNIDAQPKDKDP
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ZIP: O2109
COMPUTER READABLE FORM:
MEDIUM TYPE: PLOPPY disk
COMPUTER: PREPAIRED FORM:
COMPUTER: EMB PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTION DATA:
PRILIGED DATE: US/09/350,202
FILING DATE: US/09/350,202
FILING DATE: US/09/350,202
FILING DATE: WARCH 10, 1995
APPLICATION NUMBER: US 08/403,253
FILING DATE: US 08/403,223
FILING DATE: US 08/200,947
FILING DATE: US 08/200,947
FILING DATE: 23 WAN 1994
APPLICATION NUMBER: US 09/247,505
FILING DATE: 13 MAY 1994
APPLICATION NUMBER: US 09/247,505
FILING DATE: 7 APR 1992
APPLICATION NUMBER: US 07/864,866
FILING DATE: 7 APR 1992
APPLICATION NUMBER: US 07/864,866
FILING DATE: TARE 1997
APPLICATION NUMBER: US 07/864,866
FILING DATE: TARE 1992
APPLICATION NUMBER: US 07/864,866
FILING DATE: TARE 1992
APPLICATION NUMBER: US 07/864,807
FILING DATE: TARE 1992
APPLICATION NUMBER: US 07/864,807
FILING DATE: TARE 1992
APPLICATION NUMBER: US 07/805,433
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FILING DATE: 23 NOV 198
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Boston
STATE: Massachusetts
COUNTRY: USA
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APPLICANT: Sharpe, Sharpe
BorrielLo, Francescopaolo
BorrielLo, Francescopaolo
TITLE OF INVENTION: No. US20030045703Alel Forms of T Cell Costimulatory
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
STREET: 28 State Street
                                                                                                                          246 EQGHFLWIAAVLVMPVVFCGMVSPKTLRK-RKKKOPGPSHECETIKRERKESKQTNERVP 304
                                                                                                                                                                                                                                                                                                                YEIPRGKENPQNVHLKYKGRTSPDKDNWTLRLHNVQIKDKGTYHCPIHYKGPKGLVPMHQ 126
                               66 NEVYLGKEKFDSVHSKYMGRISFDSDSWTLRLHNLQIKDKKGLYQCIIHHKKPTGMIRIHQ 125
                                                                                                MSSDLSVLANPSQPBITVTSNRTENSGIINLTCSSIQGYPEPKEMYPQLNTENSTTKYDT 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     99
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 128 SERBET
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIF: 02109-1875
COMPUTER READABLE PORM:
MEDIUM TYPE: FOEDPY disk
COMPUTER: HEW PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: AGCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/99/962,969
FILING DATE: 24-SEP-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/702,525
FILING DATE: AUMNOWN:
APPLICATION NUMBER: 08/702,525
FILING DATE: AUMNOWN:
REGISTRATION NUMBER: 36,207
TELEPROWN: (617)227-7400
TELEPROME: (617)227-7400
TELEPROME: (617)227-7400
TELEPROME: (617)227-7400
TELEPROME: CATUSEN FORCET NUMBER: BWI-120CPUS
TELEPROME: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: procein
US-09-962-969-23
                                                                                                                                                                                                                                                                                                                                                                                 305 YHVPERSDEAQCV-NILKTASGDKN 328
                                                                                                                                                                                                                                                                                                                                                                                                                   Bequence 23, Application US/09962969
Publication No. US20030045703A1
GENERAL INFORMATION:
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LENGTH: 329 amino acids
TYPE: amino acid
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187 WHXKSONNVTELYNVSISLPFSVPE-AHNVSVFCALKLETLEMLLSLPFNIDAQPKDKDP 245
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                                                                                                                                                                                                                                                                                          242 PPDHIPWITAVLPT-VIICVAVPCLILWKWKKKKRPRNSYKCGTNTWEREBBEQTKKREK 300
           66 NEVYLGKEKPDSVHSKYMGRTSPDSDSWTLRLHNLQIKDKGLYQCIIHHKKPTGMIRIHQ 125
                                                       127 MSSDLSVLANPSOPEITVTSNRTENSGIINLTCSSIOGYPEPKEMYFQLNTENSTTKYDT 186
                                                                                                                                                                                                                                                            246 EQCHPLWIAAVLVMFVVFCGMVSFKTLRK-RKKKQPGPSHECETIKRERKESKOTNERVP 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/10390330
Publication No. US20040001829A1
GENERAL INPORMATION:
APPLICANT: June, Carl H.
APPLICANT: Thompson, Craig B.
APPLICANT: Mabel, Gary J.
APPLICANT: Rennert, Paul D.
ITILE OF INVENTION: Methods Por Selectively Stimulating Proliferation TITLE OF INVENTION: Of T-Cells
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRIE READABLE PORM:
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC Compatible
COMPUTER: ISM PC Compatible
COMPUTER: ISM PC Compatible
COMPUTER: ISM PC COMPATIBLE
COMPUTER: ISM PC COMPASS MS-DCS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: Warch 17, 2003
CLASSIPICATION NUMBER: US/08/435,816A
FILING DATE: May 4, 1995
CLASSIPICATION NUMBER: US 08/403,253
FILING DATE: 10 MARCH 1995
APPLICATION NUMBER: US 08/200,947
FILING DATE: 23 FEB 1994
APPLICATION NUMBER: US 07/864,805
FILING DATE: 23 MAY 1995
APPLICATION NUMBER: US 07/864,805
FILING DATE: 23 MAY 1994
APPLICATION NUMBER: US 07/864,866
FILING DATE: 17 APR 1992
APPLICATION NUMBER: US 07/864,866
FILING DATE: 17 APR 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 17 APR 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 17 APR 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 17 APR 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 17 APR 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 17 APR 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 25 MAY 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 25 MAY 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 25 MAY 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 25 MAY 1995
APPLICATION NUMBER: US 07/864,866
FILING DATE: 25 MAY 1995
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FILING DATE: 25 MAR 1994
APPLICATION NUMBER: US 07/864,807
FILING DATE: 7 APR 1992
APPLICATION NUMBER: US 07/902,467
FILING DATE: 16 JUNE 1992
APPLICATION NUMBER: US 07/275.433
                                                                                                                                                                                                                                                                                                                                                             305 YHVPERSDEAQCV-NILKTASGDKN 328
                                                                                                                                                                                                                                                                                                                                                                                         301 IHIPERSDEAQRVPKSSKTSSCDKS 325
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STATE: Massachusetts
COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           242 PPDHIPWITAVLPT-VIICVMVFCLIIMKWKKKKRRPRNSYKCGINIMEREESEQTKKREK 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         246 BOGHFLWIAAVLVMPVVPCGMVSFKTLRK-RKKKOPGPSHBCBTIKRBRKESKOTNERVP 304
                                                                                                                                                                                                                                                                                                                                                                                                                                  7 TMGLSHTLLVMALLLSGVSSMKSQAYPNKTGELPCHFTNSQNISLDELVVFWQDQDKLVL 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 TMGLSNILFVWAPLLSGAAPLKIQAYFNSTADLFCQPANSQNQSLSBLVVFWQDQENLVU 65
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                                                                                                                                                                                                                                                                                                                                                                                   8, Gaps
                                                                                                                                                                                                                                                                                                                              Query Match 52.0%; Score 903; DB 10; Length 329; Best Local Similarity 58.5%; Pred. No. 6.1e-66; Matches 190; Conservative 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        52.0%; Score 903; DB 14; Length 329; 58.5%; Pred. No. 6.1e-66; tive 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Squence 8, Application US/10041319; Publication No. US20030180309A1; GENERAL INFORMATION: APPLICANT: Immunex Corporation; APPLICANT: Immunex Corporation; APPLICANT: Baum, Peter R. APPLICANT: Bulbase, Robert F. APPLICANT: Wiley, Steven R.; TITLE OF INVENTION: HUMAN B7. POLYPEPTIDES; TITLE REPERBACE: 3176-A CURRENT APPLICATION NUMBER: US/10/041,319; CURRENT FILING DATE: 2002-01-07; NUMBER OF SEQ ID NOS: 17; SEQ ID NO 8. LENGTH: 329
REGISTRATION NUMBER: 36,207
REPERENCE/OCKET NUMBER: RP1-002CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 22-7-400
TELEPAK: (617) 72-4214
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 329 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             305 YHVPERSDEAQCV-NILKTASGDKN 328
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Matches 190; Conservative
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MOLECULE TYPE: protein
US-09-350-202-4
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US-10-041-319-8
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8, Gaps

245 241

us-09-303-510-6.rapb

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67 YEIFRGKENPQNVHLKYKGRTSPDKDNWTLRLHNVQIKDKGTYHCFIHYKGPKGLVPMHQ 126
                                                                                                                                                       66 NEVYLGKEKPDSVHSKYMGRTBPDSDSWTLRLANLQIKDKGLYQCIIHHKKPTGMIRIHQ 125
                                                                                                                                                                                                                                                                                                                                                                                                     242 PPDHIPWITAVLPT-VIICVAVPCLILWKWKKKRRRPRNSYKCGINIMEREBSSEGTKKREK 300
                                                                                                                                                                                                                                                                                                                                                                              246 EQGHFLWIAAVLVMFVVFCGMVSPKTLRK-RKKKQPGPSHECBTIKRERKESKQTNERVP 304
                                           7 TMGL&HTLLVMALLLSGV&SYKKSQAYFNKTGELPCHFTNSQNISLDELVVFWQDQDKLVL 66
                                                                    6 TMGLSNILFVWAFLLSGAAPLKIQAYFNETADLPCQFANSQNQSLSELVVFWQDQENLVU 65
                                                                                                                                                                                                                                                                                              187 VMKKSQNNVTELYNVSISLPFSVPB-AHNVSVFCALKLETLEMLISLPFNIDAQPKDKDP
                                                                                                                                                                                                                                                                                                                   83; Indels
    44, Mismatches
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      190; Conservative
         Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      127 MSSDLSVLANFSQPEITVTSNRTENSGIINLTCSSIQGYPEPKEMYFQLNTENSTTKYDT 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          242 PPDHIPWITAVLPT-VIICVMVPCLILWKWKKKRPRNSYKCGTNTWEREESEQTKKREK 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    246 EQCHFLWIAAVLVMFVVPCGMVSPKTLRK-RKKKQPGPSHECETIKRERKESKQTNERVP 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                 6 TWGLSNILPVWAFILLSGAAPLKIQAYFNETADLPCQFANSQNQSLSELVVFWQDQENLVL 65
                                                                                                                                                                                                                                                                                                                                                                                                                       7 TMGLSHTLLVWALLLSGVSSMKSQAYFNKTGELPCHFTNSQNISLDELVVFWQDQDKLVL
                                                                                                                                                                                                                                                                                                                                   Query Match
S2.0%; Score 903; DB 15; Length 329;
Best Local Similarity 58.5%; Pred. No. 6.10-66;
Matches 190; Conservative 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 329;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sharpe, Arlene H.
APPLICANT: Borriello, Francescopaulo
APPLICANT: Borriello, Francescopaulo
APPLICANT: Preeman, Gordon J.
APPLICANT: Preeman, Gordon J.
APPLICANT: Preeman, Gordon J.
TITLE OF INVENTION: Molecules and Uses Therefor
FITLE OF INVENTION: Molecules and Uses Therefor
FILE OF INVENTION: Molecules and Uses Therefor
FILE OF INVENTION NUMBER: US/10/643,768
CURRENT APPLICATION NUMBER: US/10/643,768
PRIOR APPLICATION NUMBER: US/09/837,867
PRIOR PILING DATE: 2001-04-17
PRIOR FILING DATE: 1994-03-02
NUMBER OF SEQ ID NOS: 42
SOFTWARE PARESE PARESEQ for Windows Version 4.0
LENGTH: 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 903; DB 16;
Pred. No. 6.1e-66;
FILING DATE: 23 NOV 1988

JATORNEY AGENT INPORMATION:
NAME: MANDERS AMY E.
FEGISTRATION NUMBER: 36,207
FERFRENCE/POCKET NUMBER: RPI-002CP3
TELEPHONE: (617) 227-7400
TELEPHONE: (617) 227-7401
TOPOLOGY: 11near
MOLECULE TYPE: procein
US-10-390-330-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      305 YHVPERSDEACCV-NILKTASGDKN 328
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   52.0%;
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CORGANISM: Homo saptens
US-10-643-768-23
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Best Local Similarity
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

17 US-09-101-109-0 18 US-09-301-109-0 26 US-100-062-597A-26 Sequent 20 US-09-30-510-6 Sequent 21 US-09-30-510-6 Sequent 22 US-09-062-597A-7 Sequent 23 US-10-790-396-7 Sequent 24 US-09-062-597A-1 Sequent 25 US-09-062-597A-1 Sequent 26 US-10-790-396-1 Sequent 27 US-09-062-597A-1 Sequent 28 US-09-09-136-1 Sequent 29 US-09-196-14 Sequent 20 US-09-196-14 Sequent 20 US-09-196-14 Sequent 20 US-09-196-14 Sequent 20 US-09-196-14 Sequent 21 US-09-196-14 Sequent 22 US-09-196-14 Sequent 23 US-09-196-14 Sequent 24 US-08-197-11-4 Sequent 25 US-09-196-14 Sequent 26 US-08-197-11-4 Sequent 27 US-09-196-198-4 Sequent 28 US-09-196-198-4 Sequent 29 US-09-562-3168-4 Sequent 20 US-09-562-3168-4 Sequent 21 US-09-191-537-10852 Sequent 22 US-09-562-3168-4 Sequent 23 US-09-191-537-10852 Sequent 24 US-09-191-537-10852 Sequent 25 US-09-962-9698-23 Sequent 26 US-10-191-962-998-4 Sequent 27 US-09-191-537-10852 Sequent 28 US-10-191-962-998-4 Sequent 29 US-10-219-0518-10 Sequent 20 US-10-219-0518-10 Sequent 21 US-09-191-537-10852 Sequent 22 US-09-962-9698-23 Sequent 23 US-10-310-310-4 Sequent 24 US-09-191-537-10852 Sequent 25 US-00-962-9698-23 Sequent 26 US-10-219-0518-10735 Sequent 27 US-09-10219-0518-10735 Sequent 28 US-10-310-310-4 Sequent 29 US-10-310-310-4 Sequent 30 US-10-219-0518-10735 Sequent 30 US-10-219-0518-10735 Sequent 30 US-10-219-0518-10735 Sequent 31 US-09-10-219-0518-10735 Sequent 31 US-09-10-219-0518-10735 Sequent 32 US-10-219-0518-10735 Sequent 33 US-10-219-0518-10735 Sequent 34 US-10-219-0518-10735 Sequent 35 US-10-219-0518-10735 Sequent 36 US-10-219-0518-10735 Sequent 37 US-10-219-0518-10735 Sequent 38 US-10-219-0518-10735 Sequent 39 US-10-219-0518-10735 Sequent 30 US-10-2	17 US-09-101-109-0 18 US-09-101-109-0 26 US-100-106-626-18 18 US-09-79-137-51999 26 US-10-069-626-18 20 US-09-062-597A-7 20 US-09-062-597A-7 20 US-09-062-597A-7 20 US-09-062-597A-7 21 US-09-062-597A-7 22 US-09-062-597A-7 23 US-10-79-136-7 24 US-09-062-597A-17 25 US-09-062-597A-17 26 US-09-062-597A-17 27 US-09-062-597A-17 28 US-10-79-136-7 29 US-09-109-139-7 20 US-09-109-139-7 20 US-09-109-139-7 20 US-09-109-139-4 21 US-09-109-139-4 22 US-09-109-139-4 23 US-09-109-139-4 24 US-09-109-139-4 25 US-09-109-139-4 26 US-10-10-10-10-10-10-10-10-10-10-10-10-10-
17 US-09-303-510-6 22 US-09-303-510-6 23 US-00-065-526-18 24 US-00-065-526-18 25 US-00-065-5278-26 26 US-09-646-561-36 27 US-09-065-5278-7 28 US-09-065-5278-7 29 US-09-065-5278-7 20 US-09-065-5278-7 21 US-09-065-5278-7 22 US-09-09-055-26-19 23 US-10-09-056-20-19 24 US-09-065-251-17 25 US-09-09-056-20-19 26 US-10-09-056-20-19 27 US-09-09-056-20-19 28 US-10-09-09-19 29 US-09-09-19-19-19 20 US-09-19-19-19-19 20 US-09-19-19-19-19 21 US-09-19-19-19-19 22 US-09-19-19-19-19 23 US-09-19-19-19-19 24 US-09-19-19-19-19-19-19-19-19-19-19-19-19-19	17 US-09-303-510-6 22 US-00-303-510-6 23 US-00-065-526-18 24 US-00-065-526-18 25 US-00-065-526-18 26 US-00-065-527-7 26 US-00-065-527-7 27 US-09-065-527-7 28 US-00-065-527-7 29 US-09-065-527-7 20 US-09-065-527-7 21 US-09-065-527-7 22 US-09-065-527-7 23 US-09-065-527-7 24 US-09-065-527-7 25 US-09-065-527-7 26 US-09-065-527-7 27 US-09-065-526-7 28 US-09-065-526-7 29 US-09-065-526-7 20 US-09-065-526-7 20 US-09-065-526-7 21 US-09-065-526-7 22 US-09-065-526-7 23 US-09-109-333-2 24 US-09-109-333-2 25 US-09-109-333-2 26 US-09-109-333-2 27 US-09-109-333-2 28 US-09-109-323-3 29 US-09-365-368-4 20 US-09-365-368-4 21 US-09-365-368-4 22 US-09-365-368-4 23 US-09-365-368-4 24 US-09-365-368-4 25 US-09-363-368-33 26 US-10-219-26-33 26 US-10-219-33 26 US-10-219
22 US-09-791-537-51999 Bequent US-09-791-537-51999 Bequent US-09-062-597A-26 Bequent US-09-062-597A-26 Bequent US-09-062-597A-26 Bequent US-09-062-597A-7 Bequent US-09-063-626-20 Bequent US-09-063-626-20 Bequent US-09-063-626-20 Bequent US-09-063-626-20 Bequent US-09-063-626-20 Bequent US-09-063-123-123-123-123-123-123-123-123-123-12	22 US-09-791-537-51999 Bequent US-09-791-537-51999 Bequent US-09-062-597A-26 Bequent US-09-062-597A-26 Bequent US-09-062-597A-7 Bequent US-09-09-19-19-17 Bequent US-09-09-19-19-1 Bequent US-09-09-19-19-1 Bequent US-09-09-19-19-2 Bequent US-09-09-19-19-2 Bequent US-09-19-19-2 Bequent US-09-19-19-2 Bequent US-09-19-19-2 Bequent US-09-19-19-1 Bequent US-09-19-19-2 Bequent US-09-19-19-2 Bequent US-09-19-19-4 Bequent US-09-19-19-19-8 Bequent US-09-19-19-19-8 Bequent US-09-19-19-19-8 Bequent US-09-19-19-19-8 Bequent US-09-19-19-8 Bequent US-09-19-19-19-8 Bequent US-09-19-19-9 Beguent US-09-19-9 Beguent US-09-19
10 US-09-062-597A-26 Bequer 11 US-09-062-597A-26 Bequer 12 US-09-062-597A-26 Bequer 13 US-09-062-597A-26 Bequer 14 US-09-062-597A-17 Bequer 15 US-09-062-597A-17 Bequer 16 US-09-062-597A-17 Bequer 17 US-09-062-597A-17 Bequer 18 US-09-09-09-19-17-17-18-26-18-2	10 US-09-062-597A-26 Bequents of the control of the
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13 108-10-790-396-76  14 US-09-66-561-7  15 US-09-66-51-7  16 US-09-66-51-7  17 US-09-66-51-7  18 US-09-66-51-7  19 US-09-70-396-7  20 US-09-70-396-7  20 US-09-70-396-7  21 US-09-70-396-7  22 US-09-70-396-17  23 US-10-70-396-17  24 US-09-868-605-14  25 US-09-70-396-17  26 US-09-868-605-14  27 US-09-868-605-14  28 US-09-70-391-2  29 US-09-70-391-2  20 US-09-70-391-2  20 US-09-70-391-2  20 US-09-70-391-4  21 US-09-391-6-74  22 US-09-70-391-8-4  23 US-09-70-391-8-4  24 US-09-391-8-4  25 US-09-391-8-4  26 US-09-391-8-4  27 US-09-391-8-4  28 US-09-391-8-3  29 US-10-390-330-4  20 US-09-391-8-3  20 US-09-3	13 108-10-790-396-76 14 US-09-062-597A-7 15 US-09-062-597A-7 16 US-09-066-56-19 18 US-09-066-597A-7 19 US-09-066-597A-7 19 US-09-066-597A-7 19 US-09-066-597A-7 19 US-09-066-597A-7 19 US-09-066-597A-7 20 US-09-066-597A-7 21 US-09-09-09-14-597 22 US-09-14-597-19 23 US-09-19-09-19-2 24 US-09-09-09-19-2 25 US-09-19-09-19-2 26 US-08-109-39-2 27 US-08-109-39-2 28 US-08-109-39-4 29 US-09-09-28-4 20 US-09-39-2 20 US-09-39-2 20 US-09-39-2 20 US-09-39-2 20 US-09-39-3 20 US-09-39-39-3 20 US-09-39-39-6 20 US-00-39-39-6 20 US-00-39-6 20 US-00-39-39-6 20 US-00-39-6 20 US-00-39-39-6 20 US-00-39-39-6 20 US-00-39-39-6 20 US-00-39-6 20 US-00-39-39-6 20 US-00-39-39-
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14 US-09-062-537A-17 Sequents of the control of the	14 US-09-062-537A-17 Sequence 1 US-09-062-537A-17 Sequence 1 US-09-791-537-3771 Sequence 1 US-09-791-537-3771 Sequence 1 US-09-791-537-3771 Sequence 1 US-09-791-537-10853 Sequence 2 US-09-791-537-10853 Sequence 2 US-09-791-537-10853 Sequence 2 US-09-109-393-2 Sequence 2 US-09-109-393-2 Sequence 2 US-09-109-393-2 Sequence 2 US-09-109-393-2 Sequence 2 US-09-109-393-3 Sequence 2 US-09-109-393-3 Sequence 4 US-09-393-9158-4 Sequence 2 US-09-95-9158-4 Sequence 2 US-09-9158-9158-4 Sequence 2 US-09-95-9158-4 Sequence 2 US-09-95-91
20 US-09-764-561-17 Sequents of the control of the	20 US-09-781-577 Sequent US-09-791-577-1771 Sequent US-10-790-396-17 Sequent US-10-790-396-17 Sequent US-10-790-396-17 Sequent US-09-86-60-14 Sequent US-09-791-537-10853 Sequent US-09-791-537-10853 Sequent US-08-109-393-2 Sequent US-08-180-393-2 Sequent US-08-180-393-2 Sequent US-08-180-393-2 Sequent US-08-180-393-2 Sequent US-09-180-393-3
13 US-10-790-396-17 Sequents (18-10-790-396-17) Sequents (18-10-90-868-605-14) Sequents (18-10-90-868-605-14) Sequents (18-10-90-10-79-53) Sequents (18-10-90-10-79-53) Sequents (18-10-90-10-79-53) Sequents (18-10-90-10-79-53) Sequents (18-10-90-10-79-2) Sequents (18-10-90-10-79-2) Sequents (18-10-90-10-79-2) Sequents (18-10-90-10-79-4) Sequents (18-10-90-10-79-4) Sequents (18-10-90-90-79-2) Sequents (18-10-90-90-79-2) Sequents (18-10-90-90-79-2) Sequents (18-10-90-90-79-2) Sequents (18-10-90-90-79-2) Sequents (18-10-90-90-90-2) Sequents (18-10-90-90-90-90-2) Sequents (18-10-90-90-90-90-2) Sequents (18-10-90-90-90-90-2) Sequents (18-10-90-90-90-90-90-90-90-90-90-90-90-90-90	33 US-10-790-396-17 Sequents of the control of the
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35 US-10-940-774-11132 Sequents 19: 08-08-109-393-2 Sequents 10:08-109-393-2 Sequents 10:08-147-773-2 Sequents 10:08-147-773-2 Sequents 10:08-147-773-2 Sequents 10:08-147-773-2 Sequents 10:08-147-773-2 Sequents 10:08-147-773-2 Sequents 10:08-149-9158-4 Sequents 10:09-349-9158-4 Sequents 10:09-349-9158-4 Sequents 10:09-349-9158-4 Sequents 10:09-746-928-4 Sequents 10:09-746-928-4 Sequents 10:09-746-928-4 Sequents 10:09-746-928-4 Sequents 10:09-962-9698-23 Sequents 10:09-962-969	35 US-10-940-774-11132 Sequent 5 US-08-109-393-2 Sequent 5 US-08-109-393-2 Sequent 5 US-08-109-393-2 Sequent 6 US-08-147-77-2 Sequent 6 US-08-280-757-2 Sequent 10 US-09-3949-9158-4 Sequent 17 US-09-349-9158-4 Sequent 17 US-09-349-9158-4 Sequent 17 US-09-349-9158-4 Sequent 18 US-09-553-865-4 Sequent 19 US-09-553-865-4 Sequent 21 US-09-349-9158-4 Sequent 22 US-09-370-3716-928-4 Sequent 23 US-09-563-368-4 Sequent 24 US-09-563-368-4 Sequent 25 US-09-963-969-23 Sequent 25 US-09-963-969-23 Sequent 26 US-10-39-310-4 Sequent 27 US-09-963-969-23 Sequent 28 US-10-39-310-4 Sequent 29 US-10-39-310-4 Sequent 20 US-10-39-310-6 Sequent 21 US-09-963-969-23 Sequent 22 US-10-39-310-6 Sequent 23 US-10-76-788-3 Sequent 24 US-10-789-310-6 Sequent 25 US-10-76-788-3 Sequent 26 US-10-76-788-3 Sequent 27 US-09-963-969-23 Sequent 28 US-10-789-999-6 Sequent 29 US-10-789-999-6 Sequent 29 US-10-789-999-6 Sequent 20 US-10-789-999-6 Sequent 20 US-10-789-999-6 Sequent 21 US-09-963-999-7 Sequent 22 US-10-789-999-7 Sequent 23 US-10-789-999-6 Sequent 24 US-09-963-999-7 Sequent 25 US-10-789-999-7 Sequent 26 US-10-789-999-7 Sequent 27 US-09-963-999-7 Sequent 28 US-10-789-999-7 Sequent 29 US-09-789-7 Sequent 20 US-09-789-799-7 Sequent 20 US-09-789-7
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15 US-08-592-711-4 Sequent 15 US-09-183-055-4 Sequent 17 US-09-318-4 Sequent 17 US-09-318-4 Sequent 17 US-09-350-202-4 Sequent 19 US-09-55-9168-4 Sequent 21 US-09-55-9168-4 Sequent 22 US-09-716-928A-4 Sequent 23 US-09-716-928A-4 Sequent 24 US-09-716-928A-4 Sequent 25 US-09-962-969-23 Sequent 25 US-09-962-969-23 Sequent 25 US-00-962-9698-23 Sequent 26 US-10-011-319-8 Sequent 27 US-09-362-9698-23 Sequent 28 US-10-219-9618-10735 Sequent 29 US-10-239-330-4 Sequent 30 US-10-242-07988-2 Sequent 31 US-10-342-07988-2 Sequent 32 US-10-643-768-23 Sequent 33 US-10-756-788-6 Sequent 33 US-10-756-788-6 Sequent	15 US-09-28-75-7-2 Sequenting Control of Con
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17 UB 09-349-9158-4 Sequentry US-09-349-9158-4 Sequentry US-09-350-202-4 Sequentry US-09-553-865-4 Sequentry US-09-563-186-4 Sequentry US-09-563-186-4 Sequentry US-09-563-186-4 Sequentry US-09-716-9288-4 Sequentry US-09-962-969-23 Sequentry US-09-962-969-23 Sequentry US-09-962-969-23 Sequentry US-09-962-969-23 Sequentry US-10-39-919-8 Sequentry US-10-39-919-2 Sequentry US-10-49-99-3 Sequentry US-10-643-768-23 Sequentry US-10-643-768-23 Sequentry US-10-643-768-23 Sequentry US-10-643-768-23 Sequentry US-10-643-768-23 Sequentry US-10-643-768-23 Sequentry US-10-643-768-24 Sequentry US-10-765-78-6 Sequentry US-10-765-7	17 US 09-349-9158-4 Sequentry US 09-349-9158-4 Sequentry US-09-350-202-4 Sequentry US-09-351-865-4 Sequentry US-09-551-865-4 Sequentry US-09-716-928-4 Sequentry US-09-716-928-4 Sequentry US-09-716-928-4 Sequentry US-09-716-928-4 Sequentry US-09-716-928-4 Sequentry US-09-716-928-3 Sequentry US-09-716-928-2 Sequentry US-09-716-928-93 US-10-756-128-5 Sequentry US-09-716-928-93 US-10-756-128-5 Sequentry US-09-716-928-93 US-10-756-128-5 Sequentry US-09-716-928-93 US-10-756-128-5 Sequentry US-09-716-928-93 US-10-756-128-9 Sequentry US-09-716-928-93 US-10-756-128-9 Sequentry US-09-716-928-93 US-10-756-128-9 Sequentry US-09-716-928-93 US-10-756-128-95 Sequentry US-09-716-928-93 US-09-716-928-93 US-09-716-928-93 US-10-756-128-95 Sequentry US-09-716-928-93 US
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19 US-09-553-865-4 Sequent 19 US-09-555-316A-4 Sequent 21 US-09-716-928A-4 Sequent 22 US-09-716-928A-4 Sequent 22 US-09-716-928A-4 Sequent 25 US-09-962-9698-23 Sequent 25 US-09-962-9698-23 Sequent 29 US-10-219-0518-10735 Sequent 29 US-10-219-0518-10735 Sequent 29 US-10-219-0518-10735 Sequent 29 US-10-219-0518-10735 Sequent 20 US-10-643-768-23 Sequent 23 US-10-765-78-6 Sequent 24 US-05-78-6 US-05-78-6 Sequent 24 US-05-78-6 US-0	19 US-09-551-865-4 Sequential US-09-555-316A-4 Sequential US-09-716-928-4 Sequential US-09-716-928-4 Sequential US-09-716-928-4 Sequential US-09-716-928-3 Sequential US-09-962-969-23 Sequential US-09-962-969-23 Sequential US-10-219-0518-10735 Sequential US-10-219-0518-10735 Sequential US-10-219-0518-10735 Sequential US-10-739-33 US-10-739-73-68-23 Sequential US-10-739-73-68-23 Sequential US-10-755-73-68-23 Sequential US-10-755-73-73-73-73-73-73-73-73-73-73-73-73-73-
19 US-09-565-316A-4 Bequer 21 US-09-716-928A-4 Sequer 22 US-09-716-928A-4 Sequer 22 US-09-704-537-10852 Sequer 25 US-09-962-969B-23 Sequer 26 US-10-041-319-8 Sequer 27 US-10-319-51B-10735 Sequer 28 US-10-219-51B-10735 Sequer 29 US-10-229-51B-10735 Sequer 30 US-10-229-51B-10735 Sequer 31 US-10-529-78B-2 Sequer 32 US-10-643-768-23 Sequer 33 US-10-643-768-23 Sequer 33 US-10-756-781-6 Sequer 33 US-10-756-781-6 Sequer	19 US-09-565-316A-4 Bequer 21 US-09-716-928A-4 Sequer 22 US-09-716-928A-4 Sequer 22 US-09-70-537-10852 Sequer 25 US-09-962-969B-23 Sequer 26 US-10-041-319-8 Sequer 27 US-10-219-051B-10735 Sequer 28 US-10-219-051B-10735 Sequer 29 US-10-219-051B-10735 Sequer 30 US-10-249-079B-2 Sequer 31 US-10-643-768-23 Sequer 32 US-10-643-768-23 Sequer 33 US-10-65-78B-6 Sequer 33 US-10-767-128-26 Sequer 33 US-10-767-128-26 Sequer
21 US-09-716-928A-4 Sequents 22 US-09-979-537-10852 Sequents 25 US-09-962-969B-23 Sequents 25 US-09-962-969B-23 Sequents 26 US-10-614-319-8 Sequents 28 US-10-219-051B-10735 Sequents 29 US-10-229-051B-2 Sequents 31 US-10-55-781-6 Sequents 33 US-10-55-781-6 Sequents 33 US-10-55-781-6 Sequents 33 US-10-55-781-6 Sequents 33 US-10-756-78-2 Sequents 33 US-10-756-78-2 Sequents 33 US-10-756-78-2 Sequents 33 US-10-756-78-6 Sequents 34 US-756-78-6 Sequents 34	21 US-09-716-928A-4 Sequents 22 US-09-979-537-10852 Sequents 25 US-09-962-9698-23 Sequents 25 US-09-962-9698-23 Sequents 26 US-10-041-319-8 Sequents 28 US-10-219-0518-10735 Sequents 29 US-10-219-0518-10735 Sequents 30 US-10-29-0798-2 Sequents 33 US-10-643-768-23 Sequents 33 US-10-643-768-23 Sequents 33 US-10-65-788-6 Sequents 33 US-10-767-128-2 Sequents 33 US-10-7
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Sequence 51999, Application US/09791537

Sequence 51999, Application US/09791537

GENERAL INFORMATION:
APPLICANT: Bionomix, Inc.
APPLICANT: Danzer, Joseph
TITLE OF INVENTION: THERE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY ME
TITLE OF INVENTION: THERE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY ME
TITLE OF INVENTION: ACTION
CURRENT APPLICATION NUMBER: US/09/791,537

CURRENT APPLICATION NUMBER: US/09/791,537

CURRENT PILING DATE: 2001-02-22

NUMBER OF SEQ ID NOS: 153055
SOFTWARE: Patentin version 3.0
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241 XOXODEQGHFLWIAAVLVMFVVPCGMVSFKTLRKRKKKKKOPGPSHECETIKRERKESKQTN 300
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                                                                                                                                                                                RESULT 3
US-09-303-510-6

Sequence 6, Application US/09303510A

SEGUENCE 1. THORDMATION:
APPLICANT: Collisson, Ellen W.
APPLICANT: Hash, Stephen M.
APPLICANT: Choi, InSoo, InSoo, Faline CD86, Peline CD28, and Peline
TITLE OF INVENTION: CTIA-4 Nucleic Acid and Polypeptides
FILE REPRENCE: 54954
CURRENT APPLICATION NUMBER: US/09/303,510A
CURRENT FILING DATE: 1999-04-30
EARLIER PILING DATE: 1999-05-01
SARLIER PILING DATE: 1999-05-01
SARLIER PILING DATE: 1999-05-01
SARLIER PILING DATE: 1999-05-01
SEQUENCE: SEQUENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 QDKLVLYBIFRGKENPQNVHLKYKGRISFDKDNWTLRLHNVQIKDKGTYHCFIHYKGPKG
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Best Local Similarity 100.'
Matches 329; Conservative
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) ORGANISM: Peline
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US-09-791-537-51999
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; GENERAL INFORMATION:
APPLICANT: Winslow, Barbara J.
APPLICANT: Cochran, Mark D.
TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
TITLE OF INVENTION: Reline CD80, Feline CD28, Feline CTLA-4 or
TITLE OF INVENTION: Peline Interferon-gama And Uses Thereof
TITLE OF INVENTION: Peline Interferon-gama And Uses Thereof
FILE REFERENCE: $4557-B
CURRENT APPLICATION UNMERR: US/09/303,040
CURRENT PILING DATE: 1999-04-30
PRION APPLICATION UNMERR: 60/083,870
PRION FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6.
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100.0%; Score 1737; DB 17; Length 329;
Best Local Similarity 100.0%; Pred. No. 1.38-157;
Matches 329; Conservative 0; Mismatches 0; Indels 0;
                            Query Match
100.0%; Score 1737; DB 14; Length 329;
Best Local Similarity 100.0%; Pred. No. 1.3e-157;
Matches 329; Conservative 0; Mismatches 0; Indels 0;
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; ORGANISM: feline CD86
US-09-303-040-6
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US-09-303-040-6
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                                                                  121 LVPMHQMSSDLSVLANFSQPEITVTSNRTENSGIINLTCSSIQGYPEPKEMYFQLNTENS
                                                                                              1 MGICDSTMGLSHTLLVMALLLSGVSSMKSQAYPNKTGBLPCHPTNSQNISLDELVVPMQD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 26, Application US/09062597A
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL Sim, Ose-Kee
APPLICANT: Sim, Sudan
APPLICANT: Sellins, Karee
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
TITLE OF INVENTION: USES THEREOP
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: WordPerfect for Windows, Version 7.0 CURRENT APPLICATION DATE: US/09/062,597A FILING DATE: 17-APR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Carol Talkington Verser, Ph.D. ADDRESSEE: Heska Corporation STRET: 1825 Sharp Point Drive CITY: Fort Collins STATE: Colorado
                                                                                                                                                                                                                                                                                                                            BRVPYHVPERSDBAQCVNILKTASGDKNQ 329
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REGISTRATION NUMBER: 37,459
REFRENCE/DOCKET NUMBER: IM-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 970/493-7272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windowe 9:
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INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 332 amino acids
TYPE: amino acids
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ATTORNEY/AGENT INFORMATION:
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Best Local Similarity 99.44
Matches 326, Conservative
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APPLICANT: Green et al.

TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B:

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Number: US/10/069,626

CURRENT APPLICATION NUMBER: B0/152383

PRIOR PILING DATE: 1999-12-21

PRIOR PILING DATE: 1999-12-21

PRIOR PILING DATE: 1999-12-21

PRIOR PILING DATE: 1999-12-21

PRIOR PILING DATE: 1090-12-21

PRIOR PILING DATE: 1090-12-21

PRIOR PILING DATE: 2000-02-18

PRIOR PILING DATE: 2000-06-30

NUMBER OF SEQ ID NOS: 25

SOFTWARE: Patentin Ver. 2.0
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                                                                                                                                  Length 329;
                                                                                                                             Query Match 100.0%; Score 1737; DB 22; Length Best Local Similarity 100.0%; Pred. No. 1.3e-157; Matches 329; Conservative 0; Mismatches 0; Indels
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                       ; LENGTH: 329
; TYPE: PRT
; ORGANISM: Pelis catus
US-09-791-537-51999
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; ORGANISM: Felis catus
US-10-069-626-18
SEQ ID NO 51999
LENGTH: 329
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Sequence 7, Application US/09062597A

GENERAL INPORMATION:
APPLICANT: SHAME
APPLICANT: Selling, Nates S.
TITLE OF INVENTION: NOVEL FORNS OF T CELL COSTIMULATORY
TITLE OF INVENTION: NOVEL FORNS OF T CELL COSTIMULATORY
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: APPLEAS:
ADDRESSEE: Heake Corporation
STREET: Port Collins
COUNTRY: Port Colorado
COUNTRY: USA
ZIP: 60525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 332,
      Sequence 26, Application US/10790396
| Sequence 26, Application US/10790396
| GENERAL INFORMATION:
| APPLICANT: Sim, Gek-Kee |
| APPLICANT: Sim, Gek-Kee |
| APPLICANT: Sellina, Karen S. |
| TITLE OF INVENTION: NOVEE FORMS OF T CELL COSTIMULATORY PR. |
| TITLE OF INVENTION: NOVEE FORMS OF T CELL COSTIMULATORY PR. |
| TITLE OF INVENTION: NOVEE FORMS OF T CELL COSTIMULATORY PR. |
| TITLE OF INVENTION: NOVEE FORMS OF T CELL COSTIMULATORY PR. |
| TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF FILE REPERCE: IM-1-C1-PCT |
| CURRENT FILING DATE: 2004-03-01 |
| PRIOR APPLICATION NUMBER: 60/09/64,561 |
| PRIOR APPLICATION NUMBER: 60/09/765 |
| PRIOR PELICATION NUMBER: 60/09/64,561 |
| PRIOR APPLICATION NUMBER: 60/06,597 |
| PRIOR FILING DATE: 1998-04-17 |
| NUMBER OF SED ID NOS: 65 |
| SEQ ID NO 26 |
| SEQ ID NO 26 |
| TENGTH: 332 |
| TENGTH: 333 |
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US-10-790-396-26
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Sequence 26, Application US/09646561

GENERAL INFORMATION.

APPLICANT: Sin, Gek-Kee

TITLE OF INVENTION: AUD MOLECULES, AND USES THEREOF

TITLE OF INVENTION: AUD MOLECULES, AND USES THEREOF

TITLE OF INVENTION: AUD MOHER: 10/90/646,561

CURRENT PILING DATE: 1298-03-19

PRIOR APPLICATION NUMBER: 60/078,765

PRIOR FILING DATE: 1298-04-17

NUMBER OF SEQ ID NOS: 65

SEQ ID NOS: 65

SEQ ID NO 26

SEQ ID NO 26
                                                                                                                                                                                                      TTKYDTVMKKSQNNVTELYNVSISLPFSVPEAHNVSVFCALKLETLEMLLSLPPNIDAQP 240
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                                                                                                                                                                                                                                                                             241 KOKOPEQGHFLWIAAVLVMFVVFCGMVSFKTLRKRKKKQPGPSHECETIKRERKESKQTN 300
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ODKLVLYBIPRGKENPONVHLKYKGRTSFDKDNMTLRLHNVQIKDKGTYHCFIHYKGPKG 120
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US-09-646-561-26
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Sequence 19, Application US/10069626

GENERAL INFORMATION:
TYLLE OF INVENTION: Polymolectides Encoding Members of the Human B TITLE OF INVENTION: Polymolectides Encoding Members of the Human B TITLE OF INVENTION: Polymolectides Encoded Thereby
TITLE OF INVENTION: Polymolectides Encoded Thereby
TITLE OF INVENTION: Polymolectides Encoded Thereby
FILE SPERENET SEPERATE: 1966-56-52 NAIL
CURRENT APPLICATION NUMBER: US/10/60/24220
FRIOR APPLICATION NUMBER: E0/152383
FRIOR PILING DATE: 2000-08-31
FRIOR PILING DATE: 1999-09-03
FRIOR PILING DATE: 2000-08-31
FRIOR PILING DATE: 2000-08-31
FRIOR PILING DATE: 2000-08-31
FRIOR PILING DATE: 2000-08-30
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81.7%; Pred. No. 1.7e-122;
tive 22; Mismatches 35;
                                                                                                                          Query Match
Pest Local Similarity 81.7%; Pred. No. 1.7e-122;
Matches 263; Conservative 22; Mismatches 35;
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procedure for the familiaris
ns-09-646-561-7
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Matches 263; Conservative
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GENERAL INFORMATION:
APPLICANT: 81m, Gek-Kee
APPLICANT: 81m, Gek-Kee
APPLICANT: 81lm, Gek-Kee
APPLICANT: 81lms, Karen S.
TITLE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
TITLE OF INVENTION: NOWBER: US/09/646,561
CURRENT PELLING DATE: 1200-09-19
FRIOR PILLING DATE: 1998-03-19
FRIOR PILLING DATE: 1998-03-19
PRIOR PILLING DATE: 1998-04-17
SPRIOR PILLING DATE: 1998-04-17
HUMBER OF SEQ ID NOS: 65
SEQ ID NO.
SEQ ID NO.
304 BIBRSDEAQCVNISKTASGDNS 325
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US-09-062-597A-7
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187 VMKKSONNVTELYNVSISLPPSVPEAHNVSVPCALKLETLEMLLSLPFNIDAQPKDKDPB 246
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                                                  GENERAL INFORMATION:
Sequence 17, Application US/09062597A
GENERAL INFORMATION:
APPLICANT: Sim, Gek-Kee
APPLICANT: Sim, Gek-Kee
APPLICANT: Sim, Gek-Kee
APPLICANT: Scalina, Karen S.
ITILE OF INVENTION: NOVEL FORMS OF T CELL COSTIMULATORY
ITILE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES, AND
ITILE OF INVENTION: USES THEREOF
AUTHER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Heake Carol Talkington Verser, Ph.D.
ADDRESSER: Heake Corporation
STREET: 1825 Sharp Point Drive
CTY: Port Collins
STATE: Colorado
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

WEDIUM TYPE: Bloppy disk

WEDIUM TYPE: Bloppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPATING SYSTEM: Windows 95

SOFTWARE: Wordberfect for Windows, Version 7.0

CURRENT APPLICATION NUTY.

APPLICATION NUMBER: US/9962,597A

FILING DATE: 17-APR-1998

CLASSIFICATION: 514

ACCARSIFICATION: 514

ACCARSIFICATION: 37459

REGISTRATION NUMBER: MANABLE: IM-1

TELECOMMUNICATION NUMBER: MANABLE: MANABLE: 17459

REFERENCE/POCKET NUMBER: MANABLE: M
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(OLECTH'S AMINO acids TOPOLOGY: liner-
(OLECTH'S AMINO ACIDS 
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Best Local Similarity 70.81
Matches 228; Conservative
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US-09-062-597A-17
RESULT 13
US-09-062-597A-17
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                                                                               187 VMKKSQNNVTELYNVSISLPFSVPEAHNVSVFCALKLETLEMLLSLPFNIDAQPKDKDPB 246
                                                                                                                                                                                                                                  127 MSSDLSVLANFSQPEITVTSNRTENSGIINL/TCSSIQGYPEPKGMYPQLNTENSTTKYDT 186
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                                 MSSDLSVLANPSQPEITVTSNRTENSGIINLTCSSIQGYPEPKEMYFQLNTENSTTKYDT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        307 VPERSDEAQCVNILKTASGDKN 328
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ORGANISM: Canis familiaris
US-10-790-396-7
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187 VMKKSQNNVTZLYNVSISLPPSVPRAHNVSVFCALKLETLEMLLSLPFNIDAQPKDKDPB 246
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                                                                                                      7 TMGLSHTLLVMALLLSGVSSMKSQAYPNKTGBLPCHPTNSQNISLDBLVVFWQDQDKLVL
   Best Local Similarity 70.8%; Pred. No. 6e-102; Matches 228; Conservative 19; Mismatches 24; Indels
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APPLICANT: Bloomair, Inc.
APPLICANT: Bloomair, Joseph
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBE
TITLE OF INVENTION: METHODS OF USE THEREOF
FILE REFERENCE: 261/210 NUMBER: US/09/791,537
CURRENT FILING DATE: 2001-02-22
SUFTMARE PARENCE: BLOOMS: 153055
SOFTWARE: PARENCE PARENCE DATE: LONG: 153055
SOFTWARE: PARENCE PARENCE DATE: LONG: 153055
SOFTWARE: PARENCE PARENCE DATE: LONG: 153055
SOFTWARE: 2001-02-22
SOFTWARE: 200
LENGTH: 280
                                                                                                                                                                                                         PROTEINS, NUCLBIC
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                                                                                                                     APPLICANT: STAIN, STAIN, STAIN, STAIN, SHOULTONT: SPAININ SHOULD 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 37771, Application US/09791537 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          255 BTBRSDEAQCVNISKTASGDNS 276
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US-09-646-561-17;
Sequence 17, Application US/09646561;
SEMERAL INFORMATION:
APPLICANT: Sim, Gek-Kee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT Canis familiaris US-09-646-561-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT CANIS familiarie US-09-791-537-37771
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters: 715561 seqs, 155301442 residues Searched:

715561

Minimum DB seq length: 0 Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Database :

Pending Patents AA New:\*

1: /cgn2\_6/ptodata/2/paa/PCT\_NBW\_COMB.pep:\*

2: /cgn2\_6/ptodata/2/paa/USO6\_NBW\_COMB.pep:\*

3: /cgn2\_6/ptodata/2/paa/USO8\_NBW\_COMB.pep:\*

4: /cgn2\_6/ptodata/2/paa/USO8\_NBW\_COMB.pep:\*

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6: /cgn2\_6/ptodata/2/paa/USO9\_NBW\_COMB.pep:\*

7: /cgn2\_6/ptodata/2/paa/USO1\_NBW\_COMB.pep:\*

8: /cgn2\_6/ptodata/2/paa/USO1\_NBW\_COMB.pep:\*

9: /cgn2\_6/ptodata/2/paa/USO1\_NBW\_COMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

	Description	-14 Sequence 14, Appl	Sequence 1113	7 Sequence 57	Sequence 55,	Sequence 5,		16 Sequence 16	3 Sequence 3,	18 Sequence 18	Sequence 22	Sequence 10	Sequence 9,		Sequence 53	Sequence 2,		Sequence 1,		Sequence 6,	Sequence 4,	Seguence 6,	Seguence 23,	1 Sequence 21,	Sequence 4,	
OUPPREALES	QI .	US-11-170-797-14	US-10-940-774A-11132	PCT-US05-18790-5	PCT-US05-18790-55	US-10-998-526-5	US-11-027-053-4	US-11-120-927-	US-11-170-797-	US-10-960-855-	US-11-120-927-22	US-11-170-797-1	US-09-890-729A-9	US-11-170-797-8	PCT-US05-18790-53	US-11-027-053-2	US-11-120-927-15	US-11-170-797-	PCT-US04-19179-4	PCT-US04-19179-6	US-10-871-696-4	US-10-871-696-6	US-10-461-000-23	US-11-120-927-2	US-10-998-526-4	***
	Query Match Length DB	330 7	372 6	329 1	323 1	323 6	323 7	323 7	323 7	351 6	219 7	309 7	306 5	314 7	288 1	288 7	288 7	288 7	283 1	283 1	283 6	283 6	216 6	226 7	224 6	
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Sequence 218, App Sequence 60, Appl Sequence 50, Appl	Sequence 60, Appl Sequence 60, Appl Sequence 60, Appl Sequence 60, Appl Sequence 60, Appl Sequence 19, Appl
US-10-184-644-218 US-10-192-007-218 US-10-063-653A-60 US-11-063-652A-60 US-11-063-560-60 US-11-063-560-60 US-11-063-638A-60 US-11-063-638A-60 US-11-154-939-1625	1-103-240-6 1-103-240-6 1-101-316-6 1-102-284-6
22 22 22 22 22 22 22 22 22 22 22 22 22	28888
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2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. 4 4 4 4 5 4 5 6 6 7

## ALIGNMENTS

RESULT 1  US-11-170-797-14  US-11-170-797-14  GENERAL INFORMATION: Requence 14, Application US/11170797  GENERAL INFORMATION: Repticant: Robert APPLICANT: Rechers, Nichola APPLICANT: Rogers, Nichola APPLICANT: Rogers, Nichola APPLICANT: BOILING, Anthony APPLICANT: Northony TILLE OF INVENTION: IMPROVEMENT OF TOLERANCE TO A ZENOGRAFT FILE REPERENCE: 5585-59112-02 CURRENT APPLICATION UNMERS: US/11/170,797  CURRENT FILING DATE: 2001-06-19 PRIOR APPLICATION NUMBRS: PCT/GB99/04200 PRIOR FILING DATE: 1999-12-17 PRIOR FILING DATE: 1999-12-17 PRIOR FILING DATE: 1999-12-17 PRIOR PLILING DATE: 1999-12-17 PRIOR PLILING DATE: 1999-12-17 PRIOR PLILING DATE: 1999-10-23 NUMBER OF SEQ 1D NOS: 39 SOFTWARE: PRECENTION UNMER: 925015.1 PRIOR PLILING DATE: 1999-10-23 NUMBER OF SEQ 1D NOS: 39 TYPE: PRIOR PLILING DATE: 1999-10-23 NUMBER OF SEQ 1D NOS: 39 TYPE: PRIOR PLILING DATE: 1999-10-23 NUMBER OF SEQ 1D NOS: 39 TYPE: PRIOR PLILING DATE: 1999-10-23 NUMBER OF SEQ 1D NOS: 39 TYPE: PRIOR PLILING DATE: 1999-10-23 NUMBER OF SEQ 1D NOS: 39 TYPE: PRIOR PLILING DATE: 1999-10-23 NUMBER OF SEQ 1D NOS: 39 TYPE: PRIOR PLILING DATE: 1990-10-23 NUMBER OF SEQ 1D NOS: 39 TYPE: PRIOR PLILING DATE: 1990-10-23 NUMBER OF SEQ 1D NOS: 39 TYPE: PRIOR PLILING DATE: 1990-10-23 NUMBER OF SEQ 1D NOS: 39 TYPE: PRIOR PLILING DATE: 1990-10-23	Query Match 66.6%; Score 1157; DB 7; Length 330; Best Local Similarity 70.1%; Pred. No. 2.9e-80; Matches 227; Conservative 35; Mismatches 56; Indels 6; Gaps 5;	8 MGLSHTLLVMALLLSGVSSMKSQAYFNKTGELFCHFTNSQNISLDELVVFWQDQDKLVLY 67	68 EIFRGKENPQNVHLKYKGRISFDKONWTLRLHNVQIKDKGTYHCFIHYKGPKGLVPMHQM 127 ·	128 SSDLSVLANPSQPBITVTSNRTENSGIINLTCSSIQGYPEPKEMYPQLNTENSTTKYDTV 187	188 MKKSONNVTELYNVSISLPFSVPEAHNVSVPCALKLETLEMLL-SLPFNIDAQPKDKDPB 246
RESULT US-11- US	Quer Best Matc	රු සි	<b>ራ</b> 8	& a	දු දු

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APPLICANT: PRESIDENT AND FELLOWS OF HARVARD COLLEGE
TITLE OF INVENTION: METHODS OF MODULATING THE REPRODUCTIVE ENDOCRINE SYSTEM
TITLE OF INVENTION: METHODS OF MODULATING THE REPREDUCTIVE
FILE REPREBNCE: HUT-055PC
CURRENT APPLICATION NUMBER: PCT/0805/18790
CURRENT PILING DATE: 2005-06-06
PRIOR APPLICATION NUMBER: 60/575,143
PRIOR APPLICATION NUMBER: 60/575,143
PRIOR PLILING DATE: 2004-05-28
SPOFTWARE: PACENTIN 3.3
SOFTWARE: PACENTIN 3.3
FEMILY APPLICATION NUMBER: 05-28
SOFTWARE: PACENTIN 3.3
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                                                                                                                                                                                                                                                                                                                                                                                                                  241
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 MGLSNILFVWAFLIZGAAPLKIQAYFNETADLPCQFANSQNQSLSELVVFWQDQENLVLN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      187 VMKKSQNNVTBLYNVSISLPPSVPE-AHNVSVFCALKLETLEMLLSLPPNIDAQPKDKDP
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                                                                                                                                                                   Query Match 52.0%; Score 903; DB 1; Length 329; Best Local Similarity 58.5%; Pred. No. 6e-61; Matches 190; Conservative 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      51.7%; Score 898; DB 1; Length 323; 58.3%; Pred. No. 1.4e-60; tive 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    305 YHVPERSDEAQCV-NILKTASGDKN 328
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; Sequence 55, Application PC/TUS0518790
; GENERAL INFORMATION:
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Matches 189; Conservative
PRIOR FILING DATE: 2004-0
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin 3.3
SEQ ID NO 57
                                                                                                             ORGANISM: Homo sapiens
PCT-US05-18790-57
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TYPE: PRT
ORGANISM: Homo sapiens
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Bequence 57, Application PC/TUS0518790
BERERAL INPORMATION:
APPLICANT: PRESIDENT AND FELLOWS OF HARVARD COLLEGE
TITLE OF INVENTION: METHODS OF MODULATING THE REPRODUCTIVE ENDOCRINE SYSTEM
FILLE OF INVENTION: BY WOULLATION OF TNP-alpha ACTIVITY
FILE OF INVENTION: WE WOULLATION OF TNP-alpha ACTIVITY
CURRENT PAPLICATION NUMBER: PCT/US05/18790
PRIOR RAPPLICATION NUMBER: E0/57/143
                      240 PDHILWIAALLVIVVVVCGNVSFVTLRKRKKKQPGPSNBCGETIKONRKASEQIKARAEV 299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           241 KDKDPEQGHFLWIAAVLVMFVVPCGNVSPKTLRK-RKKKQPCBSHECETIKRERKESKQT 299
  QGHFLWIAAVLVMFVVFCGMVSFKTLRKRKKKQPGPSHEC-BTIKRBRKESKQTNERVPY 305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              44 GICDSTMGLSNILFVWAFILSGAAPLKIQAYFNETADLPCQFANSONQSLSELVVFWODO 103
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                62 DKLVLYEIFRGKENPQNVHLKYKGRTSFDKDNWTLRLHNVQIKDKGTYHCPIHYKGPKGL 121
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                                                                          306 HVPERSDEAQC-VNILKTASGDKN 328
                                                                                              ORGANISM: Human
US-10-940-774A-11132
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247 QGHPLWIAAVLVMFVVPCGMVSFKTLRK-RKKKQPGPSHECETIKRERKESKQTNERVPY 305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   68 EIFRGKENPQNVHLKYKGRISPDKDNWTLRLHNVQIKDKGTYHCFIHYKGPKGLVPMHQM 127
                                                                                                                                                                                                                                                                                                                                                                                                                   128 SSDLSVLANFSQPEITVTSNRTENSGIINLTCSSIQGYPEPKEMYPQLNTENSTTKYDTV
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51.7%; Score 898; DB 7; Length 323;
Best Local Similarity 58.3%; Fred. No. 1.40-60;
Matches 189; Conservative 44; Mismatches 83; Indels
                                                                                                                                                                                                                                                                                                                    Query Match 51.7%; Score 898; DB 7; Length 323; Best Local Similarity 58.3%; Pred. No. 1.46-60; Matches 189; Conservative 44; Mismatches 83; Indele
           CURRENT FILING DATE: 2004-12-30
PRIOR APPLICATION NUMBER: 03/09/277,575
PRIOR PLING DATE: 1999-03-26
PRIOR PLING DATE: 1999-03-26
PRIOR PLING DATE: 1998-03-29
PRIOR PLING DATE: 1998-07-29
PRIOR PLING DATE: 1998-09-24
NUMBER: U.S. 60/101,580
PRIOR PLING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 4
CURRENT APPLICATION NUMBER: US/11/027,053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             306 HVPERSDEAQCV-NILKTASGDKN 328
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CORGANIEM: Homo sapiens
US-11-120-927-16
                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Homo Sapiens
US-11-027-053-4
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US-11-120-927-16
                                                                                                                                                                                                                                LENGTH: 323
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             61 EVYLGKEKPDSVHSKYMGRTSPDSDSWTLALHNIQIKDKGLYQCIIHHKKPTGMIRIHQM 120
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58.3%; Pred. No. 1.4e-60;
iive 44; Mismatches 83; Indels
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) Sequence 4, Application US/11027053
; Sequence 4, Application US/11027053
; GENERAL INPORMATION:
; APPLICANT: Newell, Martha K.
; TITLE OF INVENTION: METHODS AND PRODUCTS RELATED TO
; TITLE OF INVENTION: METABOLIC INTERACTIONS IN DISEASE
; FILE REPERENCE: V0139/7028/HK
                                                                                                                                                                                                                                                                                                                    APPLICANT: Fox, Michael
APPLICANT: Sullivan, John K.
APPLICANT: Sullivan, John K.
APPLICANT: Yoshinaga, Steven Kiyoshi
APPLICANT: Yoshinaga, Steven Kiyoshi
TITLE OF INVENTION: 87-Like Polypeptides and User FILE REPERENCE: 00,759-A
CURRENT APPLICATION NUMBER: US/10/998,526
CURRENT PILING DATE: 2004-11-29
FRIOR APPLICATION NUMBER: 60/233,867
FRIOR FILING DATE: 2000-09-20
SEQ ID NOS: 30
SOFTWARE: PRECEIT NOS: 30
SEQ ID NOS: 32
LEBUSTH: 323
TYPE: PRT
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US-10-998-526-5
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GENERAL INFORMATION:

J Sequence 18, Application US/10960855

GENERAL INFORMATION:

APPLICANT: ALBANI, SALVATORB

J TITLE OF INVENTION: METHODS FOR ISOLATION, QUANTIFICATION, CHARACTERIZATION

TITLE OP INVENTION: METHODS FOR ISOLATION OF ANTIGEN-SPECIFIC T CELLS

FILE REPERENCE: AND-1001-CP2

CURRENT FILING DATE: 2004-10-06

FRIOR PILING DATE: 2004-10-06

FRIOR APPLICATION NUMBER: 60/510,645

FRIOR FILING DATE: 2001-01-09

FRIOR PILING DATE: 2001-01-09

FRIOR PILING DATE: 1999-10-19

FRIOR PILING DATE: 1999-10-19

FRIOR PILING DATE: 1999-10-19

FRIOR PILING DATE: 1999-10-20

NUMBER OF SEQ IN ONLY SERVER

SEQ IN NOTHER OF SEQ IN OS: 3.3

LENGRAPHER PARCELLY OF SEQ IN OS: 3.3

LENGRAPHER PARCELLY OF SEQ IN OS: 3.3
                                    237 PDHIPWITAVLPT-VIICVWVPCLILWKWKGKCKRPRNSYKCGTNTWERBESEQTKKRBKI 295
247 QGHPLWIAAVLVMFVVPCGMVSFKTLRK-RKKKQPGPSHECETIKRERKESKQTNERVPY 305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ŝ
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GENERAL INFORMATION:
A APPLICANT: Chen, Libeping
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
ITLE OF INVENTION: MOLECULES
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296 HIPERSDEAQRVFKSSKTSSCDKS 319
                                                                                                                   306 HVPERSDEAQCV-NILKTASGDKN 328
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US-11-120-927-22
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                                                                                                                EIFRGKENPQNVHLKYKGRTSFDKDNWTLRLHNVQIKDKGTYHCFIHYKGFKGLVPNHQM 127
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MGLSHTLLVMALLLSGVSSMKSQAYFNKTGELPCHFTNSQNISLDELVVFWQDQDKLVLY 67
                                1 MGLSNILFVMAFLISGAAPIKIQAYFNETADLPCQPANSQNQSLSELVVFWQDQGNIVUN 60
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US-11-170-797-3
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Query Match 13.2%; Score 229.5; DB 5; Length 306; Best Local Similarity 24.6%; Pred. No. 9.3e-10; Matches 79; Conservative 57; Mismatches 128; Indels 57; Gaps 12;
        YEHYLGTEKLDSVNAKYLGRTSFDRNNWTLRLHRVQIKDMGSYDCFIQKKPPTGSIILQQ 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 71 RGKENPQNVHLKYKGRTSFDKDNWTLRLHNVQIKDKGTYHCPIHYKGPKGLVPMHQMSSD 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      127 MSSDLSVLANPSQPEITVTSNRTENSGIINLTCGSIQGYPEPKEMYPQLNTENSTTKYDT 186
                                                                                                                                                                                  126 TLIELSVIANFSEPBIKLAQNVIGNSG-INLFCTSKQGHPKPKOMYPLIT--NSTNBYGD 182
                                                                                                                                                                                                                                                                                       187 VMKKSQNNVTBLYNVSISLPFSVPB-AHNVSVFCALKDETLEMLLSLPFNIDAQ---PKD 242
                                                                                                                                                                                                                                                                                                                                  131 LSVLANFSOPRITVTSNRTENSGIINLTCSSIQGYPEPKEMYPQLLNTE----NSTTKYDT 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    187 WHCKSONNVTELYNVSISLPFSVPRAHNVSVPCALKLETLEMLLSLPFNIDAOPKOKDPE 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    193 ----SQDPBSBLYTIGSQLDFNTTRNHTIK--CLIKYG--DAHVSEDFTWEKPPEDPPDS 244
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                                                                                                                                                                                                                                                                                                                                                                                                                                               243 KDPEQGHPLWIAAVLVM-PVVPCGMVSPKTLRKRKKKQPG-PSHECETIKRBRKESKQT 299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    242 YWKEITASVIVALLLVWALLIIVC------HKKPNQPSRPSNTASKLERDSNADRET 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | | : : | | | | | | : | | | : | | | : | | | : | | | : | | | : | | | : | | | : | | | : | | | : | | : | | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | : | | : | : | | : | : | | : | : | | : | : | | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE 9, Application US/09890729A
GENERAL INFORMATION:
APPLICANT: YOSHINAGA, STEVEN KIYOSHI
TITLE OF INVENTION: POLYEPIDES INVOLVED IN IMMUNE RESPONSE
FILE REFERENCE: A-5798
FILE REFERENCE: A-5798
CURRENT APPLICATION NUMBER: US/09/890,729A
CURRENT PILLING DATE: 2001-08-03
PRIOR PILLING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: 09/264,527
PRIOR APPLICATION NUMBER: 09/264,547
PRIOR APPLICATION NUMBER: 09/264,448
PRIOR APPLICATION NUMBER: 09/264,448
PRIOR PILLING DATE: 1999-02-08
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; ORGANISM: Mus musculus
US-09-890-729A-9
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US-09-890-729A-9
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US-11-170-797-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  121 BNV-YINLTCSSIHGYPEPKCMSVLRTKNSTIEYDGIMQKSODNVTELYDVSISLSVSF 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENSGIINLTCSSIQGYPEPKEMYFOLNTENSTTKYDTVMKKSONNVTELYNVSISLPPSV 209
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7 IMGLSHTLLVMALLLSGVSSMKSQAYFNKTGELPCHFTNSQNISLDELVVFWQDQDKLVL 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     30 OAYFNKTGELPCHFTNSQNISLDELVVFWQDQDKLVLYEIFRGKENPQNVHLKYKGRISF
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16.9%; Score 640.5; DB 7; Length 309;
Best Local Similarity 46.8%; Pred. No. 5.26-41;
Matches 140; Conservative 54; Mismatches 86; Indels 19; Gaps
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APPLICANT: Lechler, Robert
APPLICANT: Rogers, Nichola
APPLICANT: Rogers, Nichola
APPLICANT: Borling, Anthony
APPLICANT: MULABORACCISE PLC
TITLE OF INVENTION: IMPROVEMENT OF TOLERANCE TO A ZENOGRAFT
FILE REPERSIVES: 558-59112-02
CURRENT FILING DATE: 1005-06-28
FRIOR APPLICATION NUMBER: US 09/868,605
FRIOR PILING DATE: 1099-12-17
FRIOR PILING DATE: 1999-12-17
FRIOR PILING DATE: 1999-12-17
FRIOR PILING DATE: 1999-12-17
FRIOR PILING DATE: 1999-12-17
FRIOR PILING DATE: 1999-10-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 7; Length 219;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 39.64; Score 687.5; DB 7; Length Best Local Similarity 61.54; Pred. No. 9.3e-45; Matches 136; Conservative 30; Mismatches 50; Indels
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FILE REFERENCE: 07039-219001
CURRENT APPLICATION NUMBER: US/11/120,927
CURRENT PELLING DATE: 2005-05-02
PRIOR APPLICATION NUMBER: US/09/915,789
PRIOR PILING DATE: 2000-07-01
PRIOR PILING DATE: 2000-07-07
PRIOR PILING DATE: 2000-07-27
NUMBER OF SEQ ID NOS: 23
SOUTWARE: Fastes of for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiene
US-11-120-927-22
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US-11-170-797-10
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240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              236 QEHPPDNLLPSWAITLISVNGIFVICCLTYCPAPRCRERRRNE-------RLRRES 284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          241 KDKDPEQGHFLW---IAAVLVMFVVFCGMVSF-KTLRKRKKKQPGPSHECETIKRERKES 296
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                                                                                                                                                                                                    66 LYEIPRGKENPQNVHLKYKGRTSPD-KDNWTLRLHNVQIKDKGTYHCPIHYKGPKGLVPM 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        66 LYBIFRGKENPONVHLKYKGRTSPD-KDNWTLRLHNVQIKDKGTYHCFIHYKGPKGLVPM 124
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                                                                                               9 GLSHTLLVMALLLSGVSSMKSQAYFNKTGBLPCHFTNSQNISLDBLV---VFWQDQDKLV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 12.3%; Score 213; DB 7; Length 288; Best Local Similarity 27.3%; Pred. No. 1.6e-08; Matches 82; Conservative 48; Mismatches 116; Indels 54; Gaps
                    Best Local Similarity 27.3%; Pred. No. 1.6e-08;
Matches 82; Conservative 48; Mismatches 116; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: METHODS AND PRODUCTS RELATED TO
TITLE OF INVENTION: METHODS AND PRODUCTS RELATED TO
TITLE REFERENCE: VO139/7028/HK
CURRENT APPLICATION NUMBER: US/11/027,053
GURRENT PILING DATE: 1999-03-26
FRIOR APPLICATION NUMBER: US, 60/082,250
FRIOR PILING DATE: 1999-03-26
FRIOR PILING DATE: 1998-04-17
FRIOR PILING DATE: 1998-07-29
FRIOR FILING DATE: 1998-07-29
FRIOR FRIOR FILING DATE: 1998-07-29
FRIOR FILING DATE: 1998-07-29
FRIOR FILING DATE: 1998-07-29
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US-11-027-053-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 288
TYPE: PRT
ORGANISM: Hom
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US-11-027-053-2
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SEQUENCE 53, Application PC/TU80518790
GENERAL INFORMATION:
TITLE OF INVENTION: METHODS OF MODULATING THE REPRODUCTIVE ENDOCRINE SYSTEM
TITLE OF INVENTION: BY MODULATING THE REPRODUCTIVE ENDOCRINE SYSTEM
TITLE OF INVENTION: BY MODULATING THE REPRODUCTIVE
FILLS REPERENCE: HUI-055PC
CURRENT APPLICATION NUMBER: PCT/USOS/18790
CURRENT PILING DATE: 2005-06-06
PRIOR APPLICATION NUMBER: 60/575,143
PRIOR FILING DATE: 2004-05-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             71 RGKENPONVHLKYKGRTSFDKDNWTLRLHNVQIKDKGTYHCFIHYKGPKGLVPMHQMSSD 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                90 AGK---LKVWPEYKNRTLYDNTTYGLILGLVLSDRGTYSCVVQKKERGTYEVKHLALVK 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                201 ----SQDPESELYIISSQLDFWITTRNHIIK--CLIKYG--DAHVSEDFTWEKPPEDPPDS 252
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        187 VMKKSQNNVTELYNVSISLPPSVPRAHNVSVFCALKLETLEMLLSLPFNIDAQPKDKDPE 246
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           32 LFVLLIRLSQVSSDVDEQLSKSVKDKVLLPCRY-NSPHEDESEDRIYWQKHDKVVL-SVI 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LLVMALLLSGVSSMKSQAYFNKTGE---LPCHPTNSQNISLDELVVFWQDQDKLVLYBIP 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       57;
APPLICANT: ROGERS, Nichola
APPLICANT: Dorling, Anthony
APPLICANT: Dorling, Anthony
APPLICANT: M. Laboracories PLC
TITLIS OF INVERTION: IMPROVEMENT OF TOLERANCE TO A ZENOGRAFT
FILE REFERENCE: 5585-59112-02
CURRENT APPLICATION NUMBER: US/11/170,797
CURRENT FILING DATE: 2005-06-28
PRIOR APPLICATION NUMBER: US 09/868,605
PRIOR FILING DATE: 1999-12-17
PRIOR FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: 9277921.9
PRIOR PLICATION NUMBER: 92512.9
PRIOR PLICATION NUMBER: 925015.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 7; Length 314;
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13.2%; Score 229.5; DB 7; Length 3;
Best Local Similarity 24.6%; Pred. No. 9.6e-10;
Matchos 79; Conservative 57; Mismatches 128; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     293 RETINISLTEG-PERALAEQTV 312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  297 KQTNERVPYHVPBRSDBAQCV 317
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SOFTWARE: Patentin 3.3
SEQ ID NO 53
LENGTH: 288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Mus musculus
US-11-170-797-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo mapiens
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